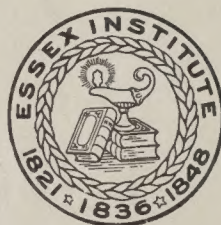


M  
656  
1819G



Log 151



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Received Feb 24, 1914

M-656-1819G

CARD  
CATALOGUED.



Ship Gov<sup>r</sup> Endicott from Salem  
towards Canton Perpetua Shreve  
Boston



HKE

Calm Wind 28.000 lbs Thursday May 6<sup>th</sup> 1819

Commenced with light Breeze  
Breeze on the S East quarter

Calm through the night at  
4 AM a light breeze from the  
S S West here short and made  
a signal for the Pilot at 7  
became foggy at 10. Chard of the  
Pilot came on board and got  
under way with a light Breeze  
from the S S West at 12 M B  
finding the compass in the  
Binnacle did not agree with  
the compass on Deck we came  
to anchor under the North  
Shore the Capt<sup>n</sup> went to Town

Ends light Breeze laying to  
anchor under the North Shore







H.K.F. *Courier* May 9<sup>th</sup> Sunday May 9<sup>th</sup>

1 6 5 188 8 by 5  
2 6 5  
3 6 5 188 8 by 5  
4 6 5  
5 6 5  
6 6 5  
7 4 5 188 8 by 5  
8 4 5  
9 4 5  
10 4 5 188 8 by 5  
11 4 5  
12 4 5

Commences with gentle Breeze  
and pleasant Weather at 12 M  
let one reef out of the Main  
and Mizzen Top sails at 4 P.M.  
saw a Brig standing in for  
the South Shore at 1/2 past 6 double  
reeft the Top sail and Spanker  
furled the Jib at 10 let one reef  
out of the Fore and Main  
Top sails and set the Jib

Middle part strong Breeze  
and rising Clouds at 6 A.M.  
double reef the fore and Main  
Top sails furled the Jib and  
Spanker then reef the Fore  
Top sail and set the Main sail

Later part more moderate

Latitude by Obs 39.00 N

South  
by 8

H.K.F. *Courier* May 10<sup>th</sup> Monday May 10<sup>th</sup>

1 2 5 188 8 by 2 1/2  
2 3  
3 3  
4 4  
5 4 - 188 8 by 2 1/2  
6 3  
7 3  
8 3  
9 3 - 188 8 by 2 1/2  
10 3  
11 3 - 188 8 by 2 1/2  
12 3

Commences with strong Breeze  
and rising Clouds at 2 P.M.  
more moderate let two reef out  
of the Fore and Main and one  
out of the Mizzen Top sail  
at 4 P.M. spoke a Brig from  
East of Virginia bound to Boston  
Took Ship to the N and Eastward

Middle part strong Breeze  
and Cloudy Weather at 5 P.M. then  
reeft the Mizzen Top sail and  
furled the Jib at 5.30 then reef  
the Fore Top sail furled the Main  
sail and Mizzen Top sail went  
down the Royal mast Fore and  
Mizzen Top gallant yards - - -

Later part strong Breeze  
and Cloudy Weather - - -

This Day put all hands on  
allowance of Water 3 quarts  
per Man - - - - -

No Observations

East



H K F *Remarks on Tuesday May 11<sup>th</sup>*

1	2	4	E by N S by E 3 <sup>4</sup>	
2	2	4	E by N	
3	2	4		
4	2	4		
5	3	4		
6	3	4		
7	3	4		
8	2	4	E by S 3 <sup>4</sup>	
9	2	4		
10	2	4		
11	2	4	E by S 3 <sup>4</sup>	
12	2	4		

Buffeting  
on the S E  
quarter

Middle part more moderate  
at 4 A M set the Mizzen Top sail  
and Jib let the reef out of the  
Fore sail and set the Main sail  
at 7 A M set all reef and set  
the Main top gallant sail —

1	1		E by S	
2	1			
3	2		E by S 2	
4	2			
5	2			
6	2			
7	2		S East	
8	2			
9	3		E by E	
10	3			
11	2		S East	
12	1	5		

Latter part light rain and  
foggy weather —

All hands employed taking  
the anchors from the bows  
and stowing them on deck —

1/2 No Observation

H K F *Remarks on Wednesday May 12<sup>th</sup>*

1	1		S E by E South Westerly	
2	1			
3	1			
4	1		N East	
5	1		S East	
6			Calm	
7	2		S East N E by E	
8	4			
9	5			
10	7			
11	7			
12	8			

Middle part strong breeze and  
squally with heavy showers of Rain  
Doubtless reef the top sails —  
at 4 reef the Fore sail furl the  
fore and Mizzen Top sails at 11 A M  
set the Mizzen stay sail —

1	7			
2	6			
3	5	5		
4	5	5		
5	2			
6	2			
7	2			
8	2			
9	2			
10	2			
11	2			
12	2		S E by E	

Latter part strong breeze  
and thick cloudy weather  
Very irregular sea shift occasional  
water the patch employed ships  
Duty —

No Observation











H K F. Co. in W. Road W. Rem. at house Monday May 17  
 8 East S S E  $\frac{1}{2}$

1	8	East S S E $\frac{1}{2}$	Mon May 1
2	3		
3	4		
4	4		
5	1		

Commenced with gentle breeze  
 & pleasant weather at 1 PM  
 Jured the flying jib at 2.30  
 Jured the fore top & sail  
 at 6.03 Jured the Main do

Commences with gentle breeze  
 & pleasant weather at 1 PM  
 Jaws the flying jib at 2:31  
 Jaws the fore top & sail  
 at 6:30 Jaws the Main &

Middle part fresh breezes  
 & pleasant weather at 10.30  
 D. M. Tacket Ship to the South  
 & Westward at 10.30 found the  
 G. B. an ugly head sea fresh  
 breezes & hazy weather on

all hands Employed Ships  
Duty - -

Latitude by Obs  $42^{\circ} 40'$  North

*M.K.F. Currents N.W. & W. near Arkona Tuesday May 18<sup>th</sup> 1899*  
4 S  $W\frac{1}{2}W$  S  $SE\frac{1}{2}E$  17

4 S W  $\frac{1}{2}$  W S by E 17 Commenced with strong breezes  
 4 S thick hazy weather at 12  
 3 4 5 M R Double reefed the fore  
 4 4 5 Main top Sail & Close reefed  
 4 8 at S S E to the Eastward saw a schooner  
 4 standing to the Northward at  
 7 at the 7th at 10.30 Tacked to  
 12 the South & Westward at 11.30  
 3 5 E by S let the reef out of the Main  
 3 5 one reef out of the Main top  
 Sail & set the Main top & Sail

11 Common with strong breeze  
I thick heavy weather at 12  
MR Double reefed the fore  
I Main top Sails & Close reefed  
the Mizzen. Do at 4. Wane ship  
to the Eastward saw a schooner  
standing to the Northward at  
7 at the gib at 10.30 Tacked to  
12 the South & Westward at 11.30  
let the reef out of the Mizzen  
one reef out of the Main top  
Sail & set the Main top & Sail

Middle post light buoys &  
Dark Dismal looking weather  
at 5 A M let on my out of  
the fore & Mizin top sails  
at 10 Saw a brig standing to  
the North<sup>W</sup>, Westward

Latter part fresh breeze &  
a swell from the Westward  
Small Showers of Rain

Latitude by Obs  $30^{\circ}$   
No observation



Wednesday May 19

2 E by S S 1/2 E 7

Commence with strong breeze  
and heavy weather at 7 PM  
found the Main top of sail  
double reef the top sail -

4 E by S

8 Squally with much rain  
found the Spanker & Jib

4 E by S 10'

4 Middle part dark squally  
weather at 3 AM set the  
Jib & Spanker at 4 let out  
mug out of the Main top  
sail between 5 & 7 out all  
mugs out the top of sail

3 E by S 10' S by E 10' Latter part moderate breeze  
& heavy weather a large  
swell from the South

3 S by E 10' all hands employed setting  
up the rigging

Latitude by Obs 43.2900

1 S by E 10' 33'

Thursday May 20

2 5 E by S S 1/2 E 22'

2 5

2 5 S 1/2 E

3 5

4 5 S by E 10'

4

4 S by E 10'

3

3

2 West

2

1 S by W

1

1 S by W

2

2 West

2

2

— S by S 10'

1

1

1 S by S 10' West

1

1

Commence with light breeze  
from the S & Eastward  
heavy weather all morning  
at 10 AM set the Jib & Spanker  
Ship to the S & Westward at 9  
Squally double reef the top sail  
found the Jib & Spanker haul  
up the Main sail at 10 AM  
Had a severe squall with much  
big lightning heavy thunder & much  
rain blew out all sail & found  
all except the fore sail

At 12 AM set the fore mast  
Main top sail & reef fore  
sail at 2 PM set the fore  
& main top sail Spanker  
& Jib Main sail at 5 PM  
round the yards squally  
between 7 & 8 out all mugs out  
the top of sail flying jib  
Heavy calm

Latter part light wind &  
clear weather

Latitude by Obs 43.21



Friday May 21<sup>st</sup>

1 1846 18.7  
1  
1  
1 1846 18.8  
1  
1  
1

1 5  
1 5  
2 5  
3  
3  
7

[illegible]

2 178.8 177.8  
3 178.8 177.8  
4 178.8 177.8

Saturday Nov 29<sup>th</sup>

2 South  
8 1/2 WSW  
5  
5  
4  
3

1  
1 2 1/2 S baffling  
2 5  
2 5 2 1/2 S  
2 5 2 1/2 S  
3 5 2 1/2 S  
2  
1 last

Street St 6  
Wys 1/2 S South  
ESE  
Location East of the River  
from the West  
Clear cut

Latitud by 2542.03 N



Calm

Sunday May 23<sup>rd</sup>

Calm in water at 11 AM  
a light breeze from the  
West passed over the water  
at 12:30 fresh breeze & sail in  
the top of sails at 9 AM  
with the top sail hoisted

The breeze in the water  
at 11:30 AM with the  
top sail hoisted & look  
weather. The top of the  
heavy thunder & rain  
at 11:30 AM calm

The wind at 11:30 AM  
blue sky & fresh breeze  
from the N East & heavy  
rain & hail at 12:30 PM

at 12:30 PM the wind from  
the top sail at the top  
of the main sail at 5 PM

the top of sails & flying  
at 9 PM the barometer  
the sails low the ship  
standing to the Eastward

lands from horizon & heavy  
clouds

Latitude Obs<sup>d</sup> 41° 12' N

4 5 8 6 5 N N N N

4 5

3

2

6

7 5

6

5 4

5

5

4

3

4

6

5

3

3

3

3

3

4 5

4 5

4 5

4 5

4 5

Monday May 24<sup>th</sup>

Calm breeze with fresh breeze  
at 11:30 AM with the  
top sail hoisted & look  
weather. The top of the  
heavy thunder & rain  
at 11:30 AM calm  
at 12:30 PM the wind from  
the top sail at the top  
of the main sail at 5 PM  
the top of sails & flying  
at 9 PM the barometer  
the sails low the ship  
standing to the Eastward

at 11:30 AM with the  
top sail hoisted & look  
weather. The top of the  
heavy thunder & rain  
at 11:30 AM calm  
at 12:30 PM the wind from  
the top sail at the top  
of the main sail at 5 PM  
the top of sails & flying  
at 9 PM the barometer  
the sails low the ship  
standing to the Eastward

at 11:30 AM with the  
top sail hoisted & look  
weather. The top of the  
heavy thunder & rain  
at 11:30 AM calm  
at 12:30 PM the wind from  
the top sail at the top  
of the main sail at 5 PM  
the top of sails & flying  
at 9 PM the barometer  
the sails low the ship  
standing to the Eastward

Latitude Obs<sup>d</sup> 40° 02' N



Tuesday May 25<sup>th</sup>

4  
4 5  
5 5  
0  
7  
7  
7  
7  
7  
7  
7  
7  
7  
7  
7  
7  
6  
6  
5 5  
5 5  
5 5  
4 5  
4 5

NW 8

NW 10

NW 10

NW 8

Commenced with gentle breeze  
sailing squared back in the  
studd sail & at three o'clock  
several times in the course  
of the afternoon the wind  
backed from NW to NW  
at 5 PM the wind backed to  
square back in the studd  
sail & in the boom  
saw to set the ship's head  
Crews furl the main top  
gall sail & main sail at  
10.30 set the main top  
sail & main sail

At 11 PM the wind backed to  
square back in the studd  
sail & in the boom  
saw to set the ship's head  
Crews furl the main top  
gall sail & main sail at  
10.30 set the main top  
sail & main sail

At 11 PM the wind backed to  
square back in the studd  
sail & in the boom  
saw to set the ship's head  
Crews furl the main top  
gall sail & main sail at  
10.30 set the main top  
sail & main sail

Latitude by Obs 38° 39' N

2  
2  
1  
2  
3  
3 8  
1 3  
1 4  
1 5  
2  
2 5  
3  
3 8  
3 7  
4  
5  
5  
5  
5  
4 5  
4 2  
3 4  
2 6  
2

SE by S NW by N

11 AM

11 AM

Wednesday May 26<sup>th</sup>

Commenced with light air  
sailing squared back in the  
studd sail & at three o'clock  
several times in the course  
of the afternoon the wind  
backed from NW to NW  
at 5 PM the wind backed to  
square back in the studd  
sail & in the boom  
saw to set the ship's head  
Crews furl the main top  
gall sail & main sail at  
10.30 set the main top  
sail & main sail

Midnight at about 3  
set the ship's head  
Crews furl the main top  
gall sail & main sail at  
10.30 set the main top  
sail & main sail

Latitude by Obs 38° 39' N







Longitude in  
Distance



Monday May 31<sup>st</sup>

6 4 S 8 1/2 E S W 1/2 S 3'

6 2 S 8 1/2 E S W 1/2 S

6

6

5 7 S 8 1/2 E 1/2 S

5 4 S 8 1/2 E

5 4

5

5

5

5 S 8 1/2 E S W 1/2 S

5

5 S 8 1/2 E 1/2 S

5

5

5

5 3

5 2

4 7

4 4

4

4

4

4

4

4

Commenced with fine  
Breezes and pleasant weather  
all drawing sail set

Variation per Azimuth at 5.45  
was 17° 55' West Latitude in 33° 25'  
Longitude in 36° 54' West -  
which is only about one degree  
more than was found in nearly  
the same latitude and Longitude  
in the Canton 1816

The Compass on the Companion  
Way over the Benito differing  
about a point from the latter  
We are now convinced the  
attraction is caused by the  
Islands in the coming in  
Companion Way -

Middle and Latter part  
gentle Breezes and pleasant  
weather all drawing sail  
set at 6 A.M. on bent the  
Main sail to Reefed

Latitude by Obs  
32° 36' West

Longitude in  
Variation 15 West

Tuesday June 1<sup>st</sup> 1815

4 3 S 8 1/2 E S W 1/2 S

4 3

4 4

4 4

4 ... S 8 E

4

4

4

4

4

4

4

4

3

3

4

4

4

3

3

3

3

3 ... S 8 1/2 E S W 1/2 S

3

4 5 S 8 1/2 E 1/2 S

4

4

3 5 S 8 1/2 E S W 1/2 S

3

Commenced with gentle Breeze  
and pleasant weather all

Drawing sail set at 12  
M.P. saw a Bird to the East  
standing to the Northward  
at 5 Bent the Main sail  
and set the fore top mast  
standing sail -  
at 7 P.M. took in the  
fore top mast standing sail  
to wait sharp to the Wind

Longitude per Lunar at  
4 P.M. was 35° 15' West

Middle and Latter part  
moderate Breezes and pleasant  
weather -

Latitude by Obs 31° 25'

Longitude in 34° 13'

Distance 90 miles  
Variation 15 West







Friday June 5<sup>th</sup> 1818

Commenced with light air and  
Squally appearance at 2 PM  
Set the Royals and fore top  
Studding Sails at 5 AM saw a  
Brig standing to the Eastward  
at 8 PM Ship and set the  
Studding sails on the Starboard  
side at 11 PM saw a Brig stand-  
ing to the Eastward

Middle part fine breeze  
and pleasant weather from  
5 to 7 AM squally with  
heavy showers of rain took  
in the light sails at 7 more  
pleasant at 9 AM again at 9  
took in the top & studding sails  
the wind inclining to the  
Eastward

Latter part fine breeze  
and passing clouds passed  
the Starboard side of the  
Deck under the span the  
Starboard side

Latitude by Obs 29° 23'

Longitude In 33° 01' West  
Distance 120  
Variation 14

Saturday June 6<sup>th</sup>

Commenced with light breeze  
and squally weather with heavy  
showers of rain at 4 PM took  
the fore Royal at 5 set them  
again at the Flying jib fore  
& set most studding sail -  
at 11 PM took in the studding  
sails brist sharp to the wind

Middle part fine breeze and  
passing clouds at 1 PM brist  
in the yards at the studding  
sails fore and aft at 6 PM  
brist breeze from ESE East  
brist the yards took in the  
studding sail and Royals

Latter part brist breeze  
and passing clouds

Latitude by Obs 27° 38'

Longitude In 32° 47' West

Distance 111 miles

Variation 13° West only



Sunday June 6<sup>th</sup>

7 South 8 by 5

Commenced with Breeze  
Breeze and fresh in clouds  
at 3 PM fresh the fore  
top of sail and double reef  
the Spanker - - -

Mid night single reef the  
top sails fresh Breeze and  
squally at 5 AM let the  
reef out of the top sails  
at the top of sail at  
7.30 took in the fore  
top of sail at 10.30 set it  
again - - -

Later part fresh  
Breeze and squally  
Weather - - -

Latitude by Obs 25.06

Longitude in 31.54.42

Distance 162 miles

Deviation 1<sup>st</sup>

6 South 8 by 5

7

8 4

7 8

6 6 1/2 E East

6 7

6

7

7 5

6 4

6 3

6

6

6

7

7

7

7

7

7

6 8

7

7

1

South

Monday June 7<sup>th</sup>

Commenced with fine Breeze  
and pleasant Weather at the  
Tideing Tide and fore top mast  
Studding sail and Main Top mast  
stay sail at 6 PM fresh  
Breeze and Cloudy took in  
the Main top mast stay sail  
and Mizzen top of sail at 7 took  
in the fore top of allast sail  
and fore top mast studding  
sail at 8 reef the Tri sail  
at 9 at the fore top mast  
Studding sail at 10.30 took  
it in again - - -

Middle part fresh breeze and  
Cloudy Weather at 1 AM  
at the fore top of sail  
at 10 set the fore top mast  
studding sail - - -

Later part fresh Breeze  
and pleasant Weather all  
Hands & crew layd sitting on  
the top mast rigging - - -

Latitude by Obs over  
by DR 22.30

Longitude in 30.07

Deviation 1<sup>st</sup>

Distance 163 miles



6 5 S $\frac{1}{2}$  E 8 kts  
 7 South  
 8  
 7  
 8 S $\frac{1}{2}$  E  
 8  
 8  
 7  
 7  
 8  
 8  
 8  
 8  
 8  
 7  
 7  
 7  
 7  
 6  
 7  
 7  
 7  
 7 South  
 7

Tuesday June 8<sup>th</sup>

Commenced with fresh breeze  
 and cloudy weather at 9  
 P.M. equally took in the fore  
 top of sail at 11.30 took  
 it in again - - - - -

Middle part strong breeze  
 and cloudy weather at  
 5 A.M. at the fore top of  
 sail and Main top most  
 stay sail at 10.30 took  
 it in again - - - - -

Latter part Breeze  
 Breeze and cloudy weather  
 The Watch employed  
 Ship's Duty - - - - -

Latitude by Obs 19.52

Longitude in 29.17

Distance 170 miles

Variation, 1 Part

8 S $\frac{1}{2}$  E East  
 8  
 8  
 8  
 8  
 8  
 2 --- S $\frac{1}{2}$  E  
 2 Elypt Elypt  
 5  
 5  
 5 S $\frac{1}{2}$  E  
 5  
 5  
 5  
 5  
 5  
 4  
 5 7  
 5 2 S $\frac{1}{2}$  E  
 6 5  
 6 --- S $\frac{1}{2}$  E S $\frac{1}{2}$  N  
 6  
 6  
 5 5  
 5 7  
 6

Wednesday 9<sup>th</sup> 1819

Commenced with fresh breeze  
 and cloudy weather at 9  
 at the fore top most standing  
 sail - - - - -

To make fore and equally  
 through to the 21 hours took  
 in and Made sail as occasion  
 required - - - - -

Latitude by Obs 17.57

Longitude in 27.57

Distance 137 miles

Variation, 1 Part



Thursday June 10<sup>th</sup>

5-4 118.8 E by S

5-4  
6-6 S East

6-6  
6-6  
6-5  
6-6  
7-5  
7-5  
7

8

8

8 8-8 E by S

8

8

8

8

8

8

8

8

8

8

8

8

8

Commenced with Brisk  
Breezes and Cloudy Weather  
at 1.30 P.M. set the fore  
top mast studding sail  
at 3 took it in again at 4  
Equally took in the fore  
top gallant sail this afternoon  
found the compasses  
in the Binnacle to agree  
with them on Deck at 9  
the fore top gal sail ---  
Flying Jib and Main Royal

Middle part fine Breeze  
and pleasant Weather  
at 5 P.M. Equally took  
in the top gal sails ---

Latitudes part fresh Breeze  
and passing clouds ---  
The Watch Employed Ship  
Duty ---

Latitude by Obs 15.35

Longitude In 25.21

Variation 12' N. at

Distance 172 miles

1 8 3 118.8 E by S

2 8 4

3 7 9

4 7

5 6

6 7

7 6

8 6

9 6 8 118.8 E by S

10 6 8

11 6 6

12 7

1 6 S East 118.8 E by S

2 6

3 5 4

4 5 6

5 7 7

6 5

7 5

8 6

9 6 4

10 6 4

11 7 4

12 7 8

Friday June 11<sup>th</sup>

Commenced with Brisk

Breezes and Cloudy at 1 P.M.  
set the Main Royal and Flying  
Jib at 3 took them in again  
at 5.30 set the fore top mast  
studding sail at 8.30 took  
in the Mizzen top gal sail

Middle part as above  
at 9.30 A.M. set the Mizzen  
Top gal sail and Flying  
Jib  
at 8 took in the Flying  
Jib at 10 set the Flying  
and Main Royal at 12  
took them in again

Ends fine Breezes and  
passing clouds The Watch  
Employed Ship Duty ---

Latitude by Obs 13.44

Longitude in 24.26  
Distance 161 miles  
Variation 12' ---



Saturday June 12

7 8 East S by E  
 7 8 East  
 8  
 8  
 7  
 6  
 3 S by E Buffaloy on the Eastern quarter  
 2  
 2 S by E  
 4 S by E N by E  
 5 Middle part light Buffaloy  
 4 Breezes and Cloudy Weather at 2 PM let the fore top and Main Top of the standing sails stay sails and fore Royal from 4 to 5 light  
 2 S by E Buffaloy Breezes and stay at 5 PM let all the light  
 3 S by E North sails at 10 took in the  
 3 standing sails and stay sail  
 3 and braced up the top  
 3 N West  
 3 L after part sails and Breezes  
 3 N East and heavy Weather  
 4 The Watch & crew lay their  
 3 duty  
 3 North  
 3 Latitude by Obs 12.10  
 5 S by E Longitude In 22.30  
 5 Distance 107 miles  
 6 East Buffaloy Variation 12° West

Sunday June 13

6 S by E E by E  
 0 4  
 6 4 S by E  
 6  
 3  
 3 S by E  
 6 4 S by E  
 7 5  
 7 5  
 6  
 5  
 6 S by E N East  
 6 East  
 5  
 6 5  
 6 7  
 6 5  
 6 5  
 6 5  
 6 5 S by E  
 6  
 5  
 5  
 4  
 3 7 S by E N East

Commaner with fine Breezes and heavy Weather all day  
 Tail set at 4 PM spoke the  
 Salmon in Cognac & E Rail  
 Master from Alexandria 25 days  
 for Pernambuco at the fore  
 topmast standing sail at 8.30  
 equally took in the light sails  
 at 10 let them again  
 Middle fine Breezes and pleasant  
 at 10 light sails  
 Longitude per Lunar Obs  
 at 9 PM was 22.40 West  
 Ende Cloudy  
 Longitude  
 Latitude by Obs 11.22  
 Distance  
 Variation 12° West  
 for azimuth



457

Monday June 14<sup>th</sup>

1 4 SE by E NE by E

1 4

2

2 - SE by E

2 SE by E

2 SE by E

4

5

5

5

6

6

5

5

6 SE by E

6

6

6

5-6 SE by E

5-6

5

5

5 SE by E

5

Commenced with light air  
and cloudy weather at 2 set  
the stay sails at 5 set them  
again at 8 set the Fore topmast  
and Main top of Studding  
Sails Main Topmast stay sail  
between 7 and 8 Dark squally look-  
ing weather until all the light  
Sails at 10 set the Fore and Main  
Top of Sails

Middle part light breeze  
and pleasant weather  
at all light sails

Latitude part as above

Latitude by Obs 10:17 N  
Long In

Distance

Variation

457

Tuesday 15<sup>th</sup>

Wednesday

1 5 SE by E NE by E

2 5

3 5

4 6

5 6

6 5

7 4

8 3

9 4

10 4

11 4

12 4

1 4

2 4

3 4

4 4

5 5

6 5

7 4

8 4

9 3

10 5

11 5

12 2

Commenced with fine breeze  
and pleasant weather at 2 PM  
set the fore topmast and Main  
top of Studding sails at 8 set the  
Lower Studding sails

Middle part light breeze and  
pleasant weather

Latitude part light air and  
pleasant

Longitude in at 10 AM when  
NW by N 20° 08 West from Green which

Latitude by Obs 9:25

Longitude In

Variation 13° for the time

True Distance



Wednesday June 16<sup>th</sup>

1 " " " " " Cabin

2 1 - S E by E S W

3 2 East S W

3 3

5 5 West

5 5

3

2

1

1

1

1

1

1

1

" " " " " Cabin

1 " South E S E

4 S E E N E

4

5

5 4

5 6

3 4

1 4

Common with light airs  
and pleasant weather at 11  
P M took in the stay sails

Middle part Dark Squally  
Weather with sharp light  
ning all round the compass  
At 12<sup>30</sup> took in the studding  
sails braced sharp to the  
wind at 1 P M set the studding  
sails and Royals  
at 11<sup>30</sup> hauled them again  
braced the yards

Latter part Nearly Calm  
and very Warm  
The Watch Emptied painting  
and varnishing

Latitude by Obs 8<sup>45</sup>

Longitude by <sup>best</sup> 19<sup>55</sup>

Variation 13<sup>W</sup>

True Distance 60 Miles

4 South E E

3

2

1 4

" " " " " Cabin

"

"

"

5 S S E M M

5

5

5

5

5

5

5

1

2

4

3

4

4

4

4

3 5

Thursday June 17<sup>th</sup>

Common with light variable  
Winds and very Warm Weather  
at 7 P M set the Main top  
mast and Lower studding  
at 10<sup>15</sup> took in the studding  
sails on the Starboard side  
Middle part fine breeze and  
pleasant weather all day  
Sail set

At 8 AM squally appearance  
took in all the light sails  
at 8<sup>15</sup> had a severe squall  
from the Eastward burst the Main  
Top sail Main top and Jib  
blow down the Fore and Main  
Top sail heavy rain sharp  
lightning at 12 set the Top  
sails Main top and Jib

End with light breeze  
and squally appearance

Latitude by Obs 8<sup>10</sup> N

Longitude by 19<sup>36</sup> W

Variation 13<sup>W</sup>

Distance 40 Miles



4-1-1

Friday June 18

4-1-1

Saturday June 19

4  
3  
2  
1 4  
Calm

Commence with light  
Breeze and Clouds at 1.30  
let the masts out of the  
top sail set the top of  
sails and flying jibs Main  
Rig at 7 P.M. equally  
bent them again

5 112 NW

5 NW

5

5

5

5

1

2

4

3

4

4

4

4

4

3 5

Midnight Dark equally  
looking weather and  
Calm at 3.30 a light  
Breeze from the N.W.  
and equally appearing  
at 5 more than at all  
the light sails  
8 m. layd the fore part  
of day setting up the  
fore and aft top mast and  
top of stays at 11 P.M.  
Spray from the Southern  
took in all light sails  
Died Dark equally looking  
weather

Latitude by D R 7.30 N  
Longitude by 19.14 W  
Variation 13' North  
Distance 44 Miles

5

1

3

3

2

3

3

2

1

1

1

1

1

1

1

1

1

1

2

1

1

1

1

1

1

1

2

2

2

2

2

2

2

2

2

2

2

Calm

3 5 8 12 NW

3 5 8 12 NW

1 5 12 NW

1 5 12 NW

11W SE

Commence with Dark equally  
looking weather with showers  
of fine heavy rain  
and lightning at 1 P.M.  
took in the top of sails and  
closed down the top of sails  
between 1 and 3 o'clock about  
1.50 fallen of water at 7  
Dark equally looking weather  
took in the top of sails  
top of sails and 1.50  
at 9 calm at 1.30 a light  
Breeze from the N.W.  
at all sails to advantage

Middle part light air and  
Dark equally looking weather  
at 4 A.M. out the standing  
sails  
at 10.30 took in all the  
light sails

End with light air and  
Dark equally looking weather  
with showers of rain

Latitude by D R 6.52

Longitude by 18.53 W

Variation 13' North

Distance 44 Miles



Sunday June 20<sup>th</sup>

Sunday June 20<sup>th</sup>

2	SSE East	Commenced with light breeze
$\frac{1}{2}$	SSE NEast	and squally attended with
" "	" " 5	showers & rains at 5 PM
" "	5 SSE	the wind hauled to the West
" "	" "	ward at the fore topmast
" "	" "	studding sail fore royal
" "	" "	and main top mast stay
" "	" "	sail at 7 took them in
" "	" "	again brist changed to
" "	" "	the Wind " "

3  
7  
1 ...  $11\frac{1}{2}$  E  $11\frac{1}{2}$  S  
" 5  $11\frac{1}{2}$  E  $11\frac{1}{2}$  S  
" 5  $11\frac{1}{2}$  E  $11\frac{1}{2}$  S  
Midnight nearly calm  
and Dark cloudy weather  
at 2.30 set this haul top  
most fludding sail  
between 5 and 8 set all light  
sails

Ends, nearly calm and  
Dark Cloudy Weather

2 N. West Latitude by Obs 6.06 x  
3  
5 or by M Longitude In 18.35 M. A  
4  
4 Variation 12° West  
8 5 Distance 38 Miles

Monday June 21

1 The Capt. May 4<sup>th</sup> Commenced with light breeze  
 3 and cloudy weather at 7.30  
 4 Good the Capt. is in full and  
 4 top of sails. Specially looking  
 2.2 P.M. 4<sup>th</sup> Weather with heavy thunder  
 and sharp lightning - - -

4 5 16 6 28  
4 5  
5  
5  
6 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84 86 88 90 92 94 96 98 100  
5  
4  
4  
3 18 1/2 20

Midnight frost the Moon  
and till double with the top  
sails at 11 30 heavy Thunder  
and sharp lightning heavy  
showers of rain & dark storm  
Weather cleared up all sail  
except the fore sail and close  
with main top sail at 2 30  
more pleasant at the top  
sails topmast sails, spinnaker and  
jib at 3 frost the fore stop  
at sail at 11 set it again

2 4  
3 4 5 M Ends fresh breeze and  
cloudy.

3 188 West  
 2  
 5  
 6 188.8  
 2

calm  
 Latitude by Obs 41° 59' N  
 Longitude In 17° 49' West  
 Variation 12° Westerly  
 Distance 79 miles

27	1676	2°
58	1675	..
65		



Tuesday June 22

2 5 S East S S W 10  
 2 5  
 3 ... S E 1/2 E S by W 1/2 W  
 3  
 2 4 S E 1/2 S  
 2 4  
 2 5  
 2  
 3 ... S East S S W  
 2 5 S E 1/2 S  
 2 5 S S E S West  
 2 5

Commence with fine breeze  
 and pleasant weather all  
 Drawing sail at  
 at 11 squally took in the  
 Top of sail Flying Jib and  
 Spanker haul up the Main  
 sail at 11.30 set all sail again  
 Midnight Dark squally with  
 weather at 3 squally with  
 heavy showers of Rain  
 took in all light sails  
 at 4 set them again  
 at 10 AM Tackled ship to the  
 Westward

1 South  
 4 4 S S E West  
 4 ... S E 1/2 E  
 3 4  
 3 ... S S E  
 3  
 4 ... S by W  
 1 ... S by E  
 2  
 2 ... W by N  
 1 ... S W by E  
 1 5

Latitude by D.R. 4.23.00  
 Longitude by D.R. 17.12.00  
 Deviation 12 West  
 Distance 52 Miles

Wednesday June 23

5 ... S S W 1/2 W S W 1/2 W 4  
 S E 1/2 E  
 5  
 6 4 S E 1/2 E  
 3 6 W 1/2 S  
 3 6 West  
 2 W 1/2 S  
 3  
 4 4  
 3 5 W by S  
 2 5  
 2 7 W S W  
 2 West  
 3  
 3  
 3  
 2 5 S East  
 2 5 S E  
 2 W by S 1/2 S  
 3  
 1/2 S E 1/2 E  
 3  
 3 S East  
 3 S E 1/2 E  
 3

Commence with at 1.30 took  
 in the Main Top of sail  
 at 3 Tackled ship to the S and  
 Westward Dull night the  
 sails and Spanker at 9 haul  
 the Spanker Jib and Main  
 sail at 11.30 set them again  
 Middle part Dark squally  
 weather heavy showers of  
 Rain at 5 AM more rain  
 let out all the reef and  
 at 6 Drawing sail  
 at 7.30 Tackled to the S East  
 Ends with moderate breeze  
 and pleasant weather

Latitude by D.R. 3.56  
 Longitude by D.R. 17.01.00  
 Deviation 12 West  
 Distance 29 Miles  
 Course S 17 West



Thursday June 24<sup>th</sup>

2 5  $W\frac{1}{2}S$  Baffalins  
on the West  
Commence with light  
2 5 1 quarter 1' Breezes and rising clouds  
3  $W\frac{1}{2}S$  at 6 PM Squally gusts  
all the light sails heavy  
2 5  $WSW$  Showers of rain at 7 PM  
took in the Main Top  
2 5  $SW$  Sail closed down the Top  
3 at 9.30 set all sail

1 5  $W\frac{1}{2}S$

2 West

3

3  $W\frac{1}{2}S$

4  $W\frac{1}{2}S$

4 West  $SSW$

3 5

3 5

3 5

3 5

3 5  $WSW$  South

3 5

3 5

3 5  $NW$

3 5  $SE\frac{1}{2}E$

3 5  $SE\frac{1}{2}E$

3 5

3 5  $W\frac{1}{2}N$

Middle part pleasant  
Breezes and light weather  
at 5 AM saw a schooner  
standing to the Westward  
supposed her to be the schooner  
we saw on the 13<sup>th</sup>  
at 7 Squalls took in  
the light sails at 11.15  
Tackled ship to the Westward

Later part gentle breeze  
and cloudy  
the Watch employed starting  
water

Latitude by Obs 32.22N

Longitude In 17.58

Variation 15° Westerly

Distance 54 miles

Course 50 miles

F

3  $W\frac{1}{2}N$  7 miles 4'

1 7  $W\frac{1}{2}N$   
 $SE\frac{1}{2}E$

3  $SE\frac{1}{2}E$   $SW\frac{1}{2}S$

3

2

2

1  $W\frac{1}{2}N$   $SSW$

1  $WSW$  South

1 West

5  $W\frac{1}{2}S$

5  $W\frac{1}{2}N$

5

5  $SW$   $SE\frac{1}{2}E$

5

2

1 South Baffalins  
on the West

2  $SSW$  South on  
quarter

2

4  $SE\frac{1}{2}E$

3  $SE\frac{1}{2}E$

2 4  $SE\frac{1}{2}W$

2 4  $SE\frac{1}{2}E$

4  $SE\frac{1}{2}E$

4  $SE\frac{1}{2}E$

4

Friday June 25<sup>th</sup>

Commence with light breeze  
and Cloudy weather at 1.30  
Tackled ship to the Eastward  
Squally appearance with much  
Rain took in the Main Royal  
and Flying jib at 4.15 Tackled  
to the Westward at 7 set the  
Main Royal and Flying  
jib

Middle part light air and  
breezy weather at 3.30 Tackled  
to the S and Eastward at 11.30  
Tackled to the Westward

Ends on the Breezes and  
Cloudy the Watch employed  
Ship's Duty

Latitude by Obs 27.50N

Longitude In 17.45 West

Variation 15° Westerly

Distance 35 miles

Course S 27° East







Monday June 28<sup>th</sup>

4 4 18 5 8 M 8 4

4 4

4 4

2 8 8 W

2 8 1/2 W

3 5 8 1/2 E

5 4 8 1/2 E 8 M N M

5 4 8 1/2 E

6 ... 8 1/2 E

0 4

5 4 8 East N 1/2 W

5

5 8 1/2 E

5 8 1/2 E

5 5 East

5 5

4

4

1/2 8 1/2 E Buffally

3 4 W 1/2 S West

4 W 1/2 S West

4 W 1/2 S

3 7 West

3 5

Commenced with fresh breeze and squally heavy showers of rain. Blued up the fore top sail, hauld up the main sail at 4 noon. Pleasant at times again at 5 let the reef out of the fore top sail at 7 reef the main strong breeze and heat small.

Mid night as above at 1 found the fore top sail at 5. When at all drawing sail saw a sail to windward.

Ends with light breeze and pleasant weather. We have had Easterly current since the 18<sup>th</sup>. This day we found a small Westerly current by the buoy.

Latitude by Obs 1.27

Long In 18.00 West

Variation 17° Westerly

Distance 36 miles

Course S 29 East

Found the above variation for Azimuth

Tuesday June 29<sup>th</sup>

2 5 8 1/2 E 8 M 4

2 5

1 9 8 1/2 E Buffally  
8 8 1/2 E on the West

2 5

2 5 8 1/2 E all the

2 5

2 5 East

2 5

2 5

2 5

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

2 5 8 1/2 E

Commenced with gentle breeze and pleasant weather all. Drawing sail at 9.15. Tackled to the Eastward at 9. Found the fore bay at. Longitude per Lunar 1.50. Was 13.58 West. Not a good chance. Middle part gentle breeze and hazy weather at 5 PM. Let the bay at 8.30. Tackled to the Westward.

In latter part fine breeze and pleasant head winds as usual. This day shortened the allowance of water to 5 parts for man.

Latitude by Obs 1.32

Longitude In 17.28 West

Variation 17° Westerly

Distance 43 Miles

Course S 64 East



Wednesday June 30

2 5 West Fly W 3  
 3 2 W 1/2 S  
 3 5 W 1/2 N  
 4 5 W by N 1/2 N  
 3 7 S 8 by E  
 3 7 W 1/2 S south  
 3 4 W by S Fly E  
 3 6  
 3 2 W S W  
 3  
 4 4  
 4 S W by W  
 4  
 3 8  
 3 4 W by S  
 3  
 3 W 1/2 S  
 3 2  
 3 7  
 3 5  
 3 W by S 1/2 S S 1/2 W  
 2  
 3 W S W  
 2

Came on course with gentle breeze  
 and passing clouds at 3 PM  
 Saw two ships to the North  
 Westward standing to the  
 S and Eastward at 4 PM  
 Tackled ship to the Land East  
 at 5 Tackled to the Westward  
 at 11 Dark squally looking  
 weather found the breeze  
 and flying jib some  
 help of the Trade Winds

Middle part as above  
 at 2 AM set the Royals  
 and flying jib at 10 AM  
 Saw a Brig to the WNW

Leather part pleasant the  
 Watch employed carrying  
 the sides

Latitude by Obs 52.4  
 Longitude In 18.28  
 Variation 17°  
 Distance 80 miles  
 Course S 55° W

Thursday July 1st

2 4 W S W Fly E  
 2 5  
 2 5 S W by N 1/2 W  
 2 5 W S W  
 3 5 S W by W  
 3  
 4  
 4 5  
 3 5  
 3  
 3  
 4  
 4  
 4  
 3 5  
 3 5 West  
 4 S W by W  
 4 S W 1/2 W  
 4  
 4  
 4  
 5 West  
 5

Came on course with light breeze  
 and pleasant weather all  
 Drawing sail set

Middle part squally with  
 showers of rain took in  
 the light sail at 4 set  
 them again

End with gentle breeze  
 and pleasant weather  
 all Drawing sail set  
 The Watch employed ship  
 Duty

Latitude by Obs 31.4  
 Longitude In 19.23  
 Variation 15° Westerly  
 Distance 98 miles  
 Course S 32° West



Friday July 2

4 5 S West 18 kts 30

5  
4 5 SW 1/2 S 18 1/2 S  
4 5  
4 6 S W 1/2 S 18 East  
4  
4 4 SW 1/2 S  
4 4  
4 2 SW 1/2 W  
4 6  
4 4 West  
4 5

Commenced with fine West  
Trade and pleasant Weather  
as much Wind as we can  
carry the Royals too going  
at the rate of 4 and 5 miles  
per hour

Longitude per Lunar Obs  
at 2.30 was 17.58 West of G

Middle and Latter  
part fine Breezes and  
pleasant Weather all  
Drawing sail at one Wind  
The Watch employed  
varnishing the Decks  
and Harbort side  
Strong Current from Land  
Westward

Latitude by Obs 2.15  
Longitude In 18.44 m  
Variation 15° per Azimuth  
Distance 117 miles  
Variation 127° W course

Saturday July 3 1819

4 2 S W 1/2 S 18 1/2 S 30

4 2  
4 6 S West 30  
3 6  
4  
3  
4  
4  
5 --- SW 1/2 W  
5 --- S West  
5  
5 4 S W 1/2 S 18 1/2 S 1

Commenced with fine Breeze  
and pleasant Weather all Draw  
Laid out

Variation per Amplitude  
Evening 13.12, Westerly

Middle part Breeze Breeze  
and pleasant Weather  
at 5 PM found the Royals  
Law a Breeze heading to the  
N West

Ends fine Breeze and  
pleasant Weather

Latitude by Obs 3.40  
Longitude In 19.42  
Variation 13° Westerly  
Distance 111 miles  
Course S 31° West



Sunday July 4<sup>th</sup>

5-8 S West 1/2 E by S 5

5-8

5-8 S W 1/2 S S E 1/2 S

4

4

4

5-8 S W 1/2 S S E 1/2 S

5

5-5

5-5

5-5

5-5

5-5

4-5

5-5

5-5

6

6

6

6

4-8 S by N 1/2 W

4-8 S S W 1/2 S E 1/2 S

4

4

Commenced with strong  
Breeze and pleasant weather  
all Drawing sail set at 3  
P.M. an English ship from  
us bearing off W S West  
with Lady Papen on  
board

Midnight Breeze  
and heavy squalls at 1.30  
found the flying jib and  
Main Masts at 7 found  
the Top of sails at 9 strong  
Breeze and squally weather  
Double reefed the Spanker  
Lower Top sail close reefed  
the Mizzen and single  
reefed the Main one

Latter part strong Breeze  
and squally weather with  
showers of rain

Latitude by Obs 5.29.5

Longitude In 20.34 m

Variation 11° Westerly

Distance 123 Miles

Course S 26° West

Monday July 5<sup>th</sup>

4 S by N 1/2 E 5

5 S W 1/2 S S E 1/2 S

5-4

6

6

6 S W 1/2 S S E 1/2 S

6

5-6

5-5

5

5

5

5

5

5-4

5-4

6 S W 1/2 S S E 1/2 S

6

5

5-5

5-5 S W 1/2 S

6

6

5-5

Commenced with strong Breeze  
and squally weather at 3  
P.M. let one reef out of the  
Fore and Mizzen Top sails  
and set the Main top of sail  
at 6.30 squared the  
Top of sail and reefed the  
Top sails

From 7 P.M. to 7 A.M. strong  
Breeze and squally weather  
with much rain at 7.30  
set the Main top of sail

Latter part strong Breeze  
and pleasant weather

Latitude by Obs 7.18.5

Longitude by Obs 21.39

Variation 10° Westerly

Distance 128 Miles

Course S 31° West



Tuesday July 5

5 5 S W 1/2 S 8 1/2 S 8

5 5 S W 1/2 S East

5 5

5 5

5 5

5 5

5 5 S S W 1/2 S 8 1/2 S

6 S W 1/2 S

6

6

6

6

6 S S W 1/2 S 8 1/2 S

6

7

6 5

6 5

6 5

5 5 South 8 1/2 S

5

3 5 S 1/2 W

5 5 S 1/2 W 1/2 W

5 5 S S W

6 5

Commences with strong breeze and rising clouds at 9 AM let one reef out of the Main top sail and set the fore top

Middle part fresh breeze and rising clouds at 2.30 hauled the fore top set sail at 9 quite moderate out all sails set the fore and Main top set sail flying jib and Main Trawl

Latter part fresh breeze and rising clouds the Watch Employed Hauling Trawl

Latitude by Obs 9.195  
Longitude In 22.33 W  
Deviation 10 Westerly  
Distance 133 miles  
Course S 24 W

Wednesday July 7

6 S W 1/2 S East 4

5 6

5 5

5 5

6 S W 1/2 S 8 1/2 S

6

6

6

6 S W 1/2 S

8 S W 1/2 S

5 S S W 1/2 S 8 1/2 S

5

5

5

6

6

6 S W 1/2 S

5

5 S W

5 5 S W 1/2 S

5 5 S W

5 5

5 S S W 8 1/2 S

4 7

Commences with fresh breeze and pleasant weather at 3 PM equally took in the fore and Main top set sail at 5.30 took in the Main do at 9 reefed the fore top sail and then reefed the Main

Middle part strong breeze and equally weather at 2 PM more pleasant set the fore and Main top set sail let one reef out of the Main top sail at 9 let the reef out of the fore top sail set the flying jib and Main top set sail

Latter part Breeze breeze and rising clouds the Watch Employed Hauling Trawl

Latitude by Obs 11.07  
Longitude In 23.24 W  
Deviation 8  
Distance 120 miles  
Course S 25 W



5 5 S by W 1/2 N 18 by 6 4

4

4 -- S S W 18 by 6 1/2

5 5

6 5

6

6 -- S by W

6 -- S S W

6

6 4

6 4

6 3

5 3 S by W 1/2 N 18 by 6

5 5

6 5 S by W 1/2 S

6

6 -- S by W 8 S E

6

6

6

6 -- S 1/2 W

6

6 -- S by W

6

Thursday July 8

Commenced with Breeze  
Breezes and pleasant weather  
between 12 and 2 anchored the  
old fore top sail and cut  
the new one at 5:30 PM  
fresh Breezes and squally  
found the flying jib and  
designed top of sail at 10  
found the fore and main  
top of sail - - - - -

Middle part fresh  
Breezes and pleasant  
Weather at 2 PM set  
the fore and main top  
of sail - - - - -

Latter fresh Breezes  
and pleasant weather  
The watch employed  
mending the old main  
top sail - - - - -

Latitude by Obs 13.17

Longitude In 23.52 W

Variation 8 West

Course S 12 West

Distance 135 miles

Dif Longitude 28 miles

5 4 S by W 1/2 N 18 by 6 4

4 4 S by W 18 by 6 1/2

5 5

6

6 -- S S W

6

6

7 -- S by W 1/2 N

7 -- S S W

8 -- S by W

8

6 5

6 5

8 5 South 2 by S

8 5

6 S by W

6 S 1/2 W

6

0 S by W

5

6 South

6

6 S 1/2 E

6

Friday July 9

Commenced with strong  
Breezes and pleasant  
all hands employed setting  
up the main top mast Rigger  
and bending the new main  
top sail at 6 equally  
and continued so through  
the night took in the top  
of sails and at three as  
the weather permitted

Latter part strong  
Breezes and squally  
Weather with Rain -

Latitude by Obs 15.32

Longitude In 24.11 W

Variation 8 West

Distance 137

Course S 8 W

Dif Longitude 10 19, miles



Saturday July 10<sup>th</sup>

5 5 S by W E S E 4

Commenced with strong breeze and pleasant weather at 4

6 -- S by W

at 11 let the reefs out of the Top sails and set the Main

6 6 S by W 1/2 W

top got sail at 9.30 equally took in the Main top

7 S by W 1/2 E by E " Tail Double reefed the top

6 6 S by W 1/2 E by E " Sails at 11 let our reef

6 5 S by W 1/2 E by E " out of the fore and Main

6 3 S by W 1/2 W

7 8 S by W 1/2 E by E " Middle part strong breeze

6 6 S by W 1/2 E by E " and pleasant at 2.30 set

6 6 S by W 1/2 E by E " the Main top got sail at

6 6 S by W 1/2 E by E " 10 to 11 moderate breeze

6 6 S by W 1/2 E by E " and pleasant weather

6 6 S by W 1/2 E by E " out all reefs set all

6 6 S by W 1/2 E by E " Drawing sail

6 6 S by W 1/2 E by E " Latter part brisk breeze

6 6 S by W 1/2 E by E " and passing clouds

6 6 S by W 1/2 E by E " The Watch 2nd day

6 6 S by W 1/2 E by E " Preparing old sails

5 5 S by W 1/2 W

5 8 S by W 1/2 W

6 5 South E by S " Latitude by Obs 17.42

6 8 S by W 1/2 W " Longitude In 24.52

6 8 S by W 1/2 W " Variation 8' Westerly

6 8 S by W 1/2 W " Course S 13 West

6 8 S by W 1/2 W " Distance 126

6 8 S by W 1/2 W " Diff Longitude 31 miles West

Sabbath July 11<sup>th</sup>

4 5 S 1/2 E E 1/2 S 4

5 -- South E by S " Commenced with gentle

5 -- S by W E S E " Breezes and Cloudy Weather

5 -- S by W E S E " all Drawing sail set

5 -- S by W 1/2 W S E by S

5 -- S S West S East

5 -- S S West S East " Middle part light breeze

5 -- S S West S East " Winds and passing clouds

5 4 S West

5 4 S West " Latter part very pleasant

5 4 S West " Clear weather the trade

5 4 S West " winds have left us

5 4 S West " Variation per Azimuth

5 4 S West " at 9 to 10 was 8' 03, West

5 4 S West " Latitude by Obs 19.13

5 4 S West " Longitude In 25.22

5 4 S West " Variation 8' Westerly

5 4 S West " Distance 87 miles

5 4 S West " Course S 19 West

5 4 S West " Diff Longitude 30 miles

5 4 S West " Latter part

5 4 S West " breeze

5 4 S West " and passing clouds

5 4 S West " The Watch 2nd day

5 4 S West " Preparing old sails

5 4 S West " Latter part

5 4 S West " brisk breeze

5 4 S West " and passing clouds



Monday July 12

4 -- S by W buffeting  
on the P<sup>th</sup> Commenced with light  
1 -- SSW gentle Baffling Breezes and  
3 -- S by S Pleasant Weather all  
Drawing sail at

2 -- S West S by S

2

3

3

3 -- S by S

Midnight light air and  
pleasant weather

2 SSW

2 W by N ESE

Latting labor and fair  
weather all hands  
employed restoring the  
stowage  
Longitude per Loran  
at 9.30 AM 27.58 West  
which is 2.26 miles West  
from the Run per last Loran

5

5

Calm

Latitude by Obs 19.58.5  
Longitude by Obs 27.56.14  
Variation 7 per compass  
Distance 34 Miles  
Course S 28 West  
Dis longitude 10 miles

Tuesday July 13

Calm

Calm in air with calm  
and pleasant at 3.30 PM  
a light breeze from the  
Southward, at 4. squally fresh  
the flying jib fore and  
mizen top sail at 7. pleasant  
set them again at 8. set  
ship to the Sand Mat ward

1 ESE S by W

2 5 ESE S by E

2 5 ESE S by W

1 5 ESE

E by N

3 ENE

3 SSW

3 S by W

3 5 S by E East

4 2 S by E

4 3

4 7

4 2 South E by S

5 S by E

5

5

5

4 5

4

4

4

3 5

Middle part pleasant breeze  
and passing clouds  
at 2 AM set the Main Mast

Latting part passing clouds  
Roue a New White Rope

Latitude by Obs 20.58.5  
Longitude by Obs 27.32.14  
Variation 7 Westward  
Distance 65 miles  
Course S 22 East  
Dis long 24 miles



Wednesday July 14

3 South 8 by 8

2 5

2 5 S 1/2 W

2 5

3 S 8 E 8 by 8

3

1

--- Calm

3 S 8 E 8 by 8

4

4

4

4

4

5

5 - S 8 E 8 by 8

5

5

5

5

5

4

3 5

3 5

Commenced with moderate  
Breezes and pleasant weather  
set up the Fore Royal  
yard mast and set the  
sail at 6 PM set the  
Fore top mast and Main  
top & standing sail at 7  
Calm took them in again

Middle part pleasant Breeze  
and weather at 4 AM  
set the fore top mast  
and top & standing sails

Latter part fine Breeze  
smooth water and very  
pleasant weather  
light Breezes The Watch  
employed sawing and  
painting the Dead Eyes  
and repairing old sails

Latitude by Obs 22.17  
Longitude by Obs 27.35  
Variation 6° West by compass  
Distance 80 miles  
Course 10 East

S 8 E by 8 Dif longitude 2 miles

Thursday July 15<sup>th</sup>

3 S 8 by 8 N East

3

2

1

- 7 S 8 E

- 7

- 2

- 6 S 1/2 E 8 by 8 S

2 6

4 5 S 8 E 8 by 8

5

5 - S 8 E

6

6

6

6

5 5

5 5

5 5

5

5 S 8 by 8 N East

4

4

4

Commenced with light Breeze  
and pleasant weather at 7  
took in the standing sail -  
brailed the yards at 11.30 set  
the fore top mast standing  
sail -

Middle part gentle Breeze  
and pleasant weather at  
12.30 set the Main top mast  
and top & standing sails

Latter part fine Breeze  
and pleasant weather -  
all drawing sail set  
The Watch employed hauling  
the lines -

Variation per Azimuth  
at 8 AM when 7.13 West

Latitude by Obs 23.38  
Longitude by Obs 26.14  
Variation 7° West by  
Distance 89 miles  
Course S 44 East  
Dif longitude



4 5 S East N East

4 5

5

5 S E by S

4

4

3

3 5

3 5

3 5 S S E N E

3 5

4 5

4 5

5 5

5 5

5 5

5 5

5 5 S E by S

5 5

8

5

5 S East

5

5

Friday July 16

Commenced with gentle  
Breeze is smooth sea pleasant  
Weather all day  
Sail set - - - -

Middle passing clouds  
at 4:30 A.M. saw two  
ships standing to the  
South and East - - -

Latter part gentle breeze  
and fine pleasant weather  
The Watch Employed  
Repairing sails and running  
other jobs - - -

Latitude by Obs 25.14  
Longitude by Obs 25.10  
Variation 8° Westerly  
Distance 111 miles  
Course S 44 East  
Diff. Longitude 1° 10'

5 4 S East N by E

5

4 6

4 4

4

4

4

4

4

6

6 5

6 5

6 5 D

6 5

6 8

7 2

7 1 N N E

7 2

7 1

7 3

7

7

7

8

N N West

N E by N

Saturday 17<sup>th</sup>  
Commenced with fine breeze  
and pleasant weather all  
day  
Drawing sail set - -

Middle part as above at  
4 A.M. squally took in  
the light sails at 5 A.M. then  
again - - -

Latter part fine breeze  
and pleasant weather all  
day  
Sail set of the Watch Employed  
Ship's Duty - - -

Latitude by Obs 26.24  
Longitude by Obs 23.15  
Variation 8° for Azimuth  
Distance 144 miles  
Course S 52 East  
Diff. Longitude 1° 55'



Sunday July 18

8 East North

Commenced with fine  
Breeze and pleasant weather  
all Drawing sail set

8

7 6

7 2

7 5

7 6

7 9

7 9

8 5

8 3

8 1

8 3

8 5

8 5

8 5

8 2

8 2

8 2

8 1

8 2

8 1

8 1

8

8

8

8

4 5

2

3

Midnight fine breeze  
and Cloudy weather at  
11:30 took in the Flying  
jib and Mizzen top of  
sail and fore top gall  
standing sail the wind  
near by 2:15 at 10:15 AM  
the appearance of a heavy  
squal from the S.W. at  
In all standing sail  
Top of sail and had  
up the Main sail &  
Main sail at 8:11 had  
a heavy gull from  
the S.W. at 8:30 set  
the topsails at 8:30 set  
the Main sail and top  
of sails let out of Main  
top sail

End light breeze  
and cloudy

Observation  
Longitude 20° 45' West  
Variation 8

Distance 82 miles  
Course S 68 East  
Dif. Longitude 2° 30  
Latitude by 28° 28'

July 19<sup>th</sup> 1819

4 S 8 1/2 S S 1/2 E 5

4

4

3 S 8 by S

3 S 8 by 1/2 S South

3 6 S 8 E

3 6 S East

3 8

3 8

5 5

5 5

5

5

5 S 8 E S by W

3

3

2

2

2 S East S W by S

1

1 East

2

8 S 8 by 1/2 S

3 S 8 E

6 S 8 by 1/2 South

4

2

2

2

2

Commenced with light  
squal and rain at 2 PM  
took in all the light sail  
at 4 hard squal with  
much rain single reef  
the Top sail and hauled up  
the Main sail at 9:30  
let the Main sail and  
Main top of sail at 10:00  
the Fore do let out  
out of each Top sail

Middle part squally with  
rain at 2 PM let the  
light sails from 4 to 5:30  
light sails and heavy  
rain at 6 let the  
masts out of the Top sail

Latter part gentle breeze  
and clear weather  
all Drawing sail set the  
Watch & mp by ship duty

Latitude by Obs 28° 33'

Longitude by 19° 12'

Variation 9° Westerly

Distance 84 miles

Course S 68 East

Dif. Longitude 1° 33'







Thursday July 22  
 2 8 by 1 1/2 M  
 2  
 1 8 by 1/2 M  
 Calm

to run on with light  
 air and, she set at 3  
 P M. brail round the  
 yard, Calm

Midnight Calm till  
 11 AM then a small  
 breeze from the N West  
 set the studding sails  
 fore and aft

Later part light  
 breezes and Cloudy with  
 a small breeze from  
 the S West all drawing  
 sail set

2 3 8 by 1 1/2 M  
 3 4  
 4  
 3  
 3  
 4  
 4  
 4

Latitude by Obs 29.42  
 Longitude by 10.28 m  
 Variation 10° West  
 Distance 28 miles  
 Course S 23 East  
 Diff longitude 18 miles

3 by 1 1/2 M  
 4  
 4  
 4  
 5  
 6  
 7  
 8  
 7  
 6  
 5  
 6  
 5  
 2  
 4  
 3  
 2  
 2  
 Calm  
 Calm  
 1 8 by 1 1/2 M

W. N. W.

W. by S

Calm

Calm

Friday July 23

Calm on us with moderate  
 Breeze and Cloudy Weather  
 all drawing sail set at  
 2 took in the studding  
 sails & work squally Weather  
 at 9 more pleasant set  
 them again at 11 the Wind  
 hauled to the S West & on  
 all studding sails brail  
 the yards

Middle part light air and  
 Dark & Cloudy Weather  
 at 9 AM set the studding  
 sails at 9 Calm  
 took in the studding sails  
 at 11 a light breeze from  
 the Northward brail round  
 the yards set the Larboard  
 studding sails

Later part light air and  
 a heavy swell from the  
 Southward the Watch Employ

Latitude by Obs 30.40  
 Longitude by 15.48 m  
 Variation 11 Degrees  
 Distance 36 miles  
 Course S 33 East  
 Diff longitude 40 miles

1 8 by 1 1/2 M



5  
 8  
 8 - 8 East  
 8  
 8  
 8  
 8  
 8

Latitude by D R 32.23  
 Longitude In 13° 38' 10" E  
 Variation 12° 45' W  
 Distance 146  
 Course S. 29° E  
 Dif Longitude 2° 10'

8  
7  
6  
7  
7 5  
7 5

Latitude by Obs  $33^{\circ}10'$   
Longitude True  $10^{\circ}15'$  West  
Variation  $13^{\circ}$  West  
Distance 180 miles  
Course S 62 E  
Difference of Longitude  $3^{\circ}23'$



Monday July 26

8 5 S 8 by 2 W SW

8 5

8

7

7

7

6

6

6

6

6

6

6

6

5

5

6

6

6

6

6

6

6

5

5

6

5

5

Commenced with strong  
gales and a heavy crop.  
ha at 10 M at the  
Main top of sail at 2  
30 let one reef out of  
each Top sail at 3  
out all reefs set the  
top of sails from top  
most studding sail  
from 10 till daylight  
Dark & greatly weather  
with showers of rain  
at 2 A.M. set the lower  
studding sail at 10  
set the Main topmost  
studding sail and top of  
the sail up the Main  
sail yard set the  
sail - - - - -

Great Wind

Same

Let other part moderate  
Breezes and cloudy  
The watch & crew lay  
clearing out the back

Latitude by Obs 34° 08'

Longitude In 7° 32'

Variation 14° 50'

Distance 150 miles

Course S 73° East

Dif longitude 2° 43'

Tuesday 27

5

5

5 4

5 4

6 3

7

5

6

7

7

7

7

0

6 5

6 5

7

6

7

8

5 5

4 5

6 5

5 5

4 5

4 5

4 5

4 5

S East W by S

W by S

W by S

W by S

W by S

W by S

Commenced with gentle  
breeze and cloudy weather  
all day running sail set before  
11 B 12 found the Spanish gull  
here and there top of sail  
set of the barometer Main top  
most studding sail the wind  
set - - - - -

Mid night squally weather  
in the top of studding sail  
at 5 set them again.

Let other part light breezes and  
cloudy a heavy swell from  
the S. West - - - - -

Latitude by Obs 35° 10'

Longitude In

Variation

Distance

Course

Dif longitude



Wednesday July 28

Thursday July 29

Sept 1882

I am moving with moderate Breeze  
 and Cloudy. A heavy swell  
 from the S West at 6 took  
 in the Main top of Sail at 7.10  
 hauled the S & E to moderate  
 the ship's rolling a moderate  
 Breeze and very heavy swell  
 from S West at 10.40 steamed  
 S East and 1st Ship

4 - 85 East N.W. 1/4

Middle part moderate Breezes  
and thick cloudy weather  
at 1 P.M. at the Main top  
most they sail from 4 to 6  
moderate Breezes and Rain

Letter from Brisk Bowers  
and Pleasant Weather the  
Watch & my large Ship Duty

S Eby & West

Commenced with British  
Breezes and pleasant all  
day. Having sail set at 10 AM  
took in the Lower Main  
topmast and Main topmast  
studding sails ---

Middle part equally weather  
with heavy showers of rain  
at 3 P.M. more pleasant  
not all drawing sail at  
6 A.M. the Wind laid to  
the Southward in a heavy  
squal took in all light  
sail close reefed the fore  
and Mizzen top sail and duble  
reefed the Main to furl the  
Main sail, jib and span three

Letter part strong light  
and rainy weather

-- 5 ENE South



Friday July 30

3 E by S South 20'

4 Commences with strong rain  
and heavy weather. At dawn  
the Main and fore top of gaff  
and Main Royal mast  
at 6.30 blow swept the  
Main top sail and furl  
the Mizzen Do at 8 swept  
the fore sail furl the fore  
top sail strong gale and  
thick heavy weather

3 Middle part strong gale  
and a very heavy sea  
much rain at 10 the  
gale increasing very much  
furl the fore sail fore  
and Mizzen stay sail lay  
to under a blow swept  
Main top sail

3 S W 1/2 S S E by S

3 Latter part a very heavy  
gale a tremendous sea  
Dark heavy weather  
The Ship behaves very well

3 S W by S S E at

3 S S W

2 5

2 5

2 5

2 5

1 5

Saturday July 31<sup>st</sup>

1 5 S S W S E by E 86' Commences with very heavy  
gale and a very high sea. Heavy  
fine rain at 9 AM parted the  
Starboard Main top sail sheet  
blew the sail up and furl  
it Midnight a tremendous  
gale and a very high sea  
at 9 AM shifted a tremendous  
sea which knocked us on our  
beam ends and washed all  
the Starboard Watch overboard  
and what lost, viz J. Young  
2 Officer 3 Down 9 Males  
9 Gunner 9 & Berdet  
9 Follows and 14 Woffey and  
9 Leggett Seamen all who lost  
which swept the Mizzen Mast blow  
to the Deck Companion Bunk  
Wheel Captain B Watch Bunk  
fore and aft Cannoon Boats  
started all the Ring Boats in  
brook and drew out all except  
two whackt all the live gear  
overboard and split the Rudder  
head very bad by after Days light  
began to clear the wreck out  
every thing away we could not  
save particularly all the  
wreck of the Mizzen Mast  
one of the Cannons found  
the boats Davits what away  
one of the fashion pieces the  
plus to them very bad by being  
one of the stantions broke and  
split and considerable other  
Damage done -  
Shift considerable Water in  
2 AM so that a man could  
not stand the Deck without  
being made fast with a rope  
ends with some heavy gale  
and a high sea. Reported  
George Mansfield second  
officer in bed of 9 young  
lost overboard. We resolved  
making the first port to  
the Eastward of the Cape  
Good Hope in hope to  
No observation



Sunday August 1st

SSW 8 by 8 79  
8 by 10 W

Commenced with heavy Gale  
and a high Sea and thick Fog  
Weather the Ship lay  
at the Mercy of the Wind  
and Waves not being able  
to ship the Teller & no Sail  
at shipping could enable  
Water at Times

Midnight as above at 2.30  
lost the Rudder in the  
morning the Gale and into  
haunted the fore topmast  
stay sail & 16 and gone  
top sail Towed to Wave  
Ship but the wood not pay  
off we find the plank  
sheers much Injuned  
Water may seem opened  
and the Ship strain consider  
the Rudder in going off  
It started one of the quarter  
Planks badly

Leather part moderate  
Breezes from the N East  
and cloudy Weather  
all hands Employed here  
the wreck stowing the  
Provisions in the fore  
cabin that get hit way  
securing the Riggings and  
Sails taking the Mast &c

Latitude by Obs 38.05

5 8 by 5 NNE

5

Monday August 2nd

Commenced with Light Winds  
& Cloudy Employed at  
up the Riggings fore &  
aft from 8 to Midnight  
fresh Squalls with much Rain

at 6 AM set the fore topmast  
stay sail at 7 set the Main  
topmast & at 8 set the blue  
raft Main top sail at 9 set  
the fore sail & fore top sail

Letter part fine Breezes and  
pleasant Weather Now under  
blue raft top sail fore sail  
and stay sail making as good  
a Work as when she had a  
Rudder & was steered

Latitude Observed 37.30 S



Nearly calm

1

Latitude Observed 37.48



Thursday Augt 5<sup>th</sup>

Friday Aug 6<sup>th</sup>

1. 1848 1848

1

2 July 8

7 N $\frac{1}{2}$  W

3  
3  
Bright W.C.S.

July 12/74

3  
3 *N. W. Lynn L. W. Lynn*

3 N West

[illegible]

3  
3 - - - - - J. W. A.

3

3 *summa*

2

2

2

3

1844

3 *Sept*

31

3 554

Commenced with Light Wind  
set the Genl. reef to foreails  
& Fore sail Jib at 2<sup>00</sup> L. 5  
reef the Main sail & set it  
at 5 found the Main to most  
stay sail at 11 strong breeze  
and a heavy sea found the  
Main sail

Mid night furled the Jib  
Fresh Gale and Pleasant  
Weather at 7.30 A.M  
set the Jib & Main sail  
at 11 put over the topsails  
any Bigger & set the Main  
top mast Stay Sail

Let other part give Winds  
of Weather with passing  
Clouds

Latitude Observed 36.52 East  
Longitude by Obs 1.51 East  
Variation for Azimuth 18.13 West  
Distance 68 Miles

3<sup>rd</sup> July 1878

2 5  
2 5  $N \frac{1}{2} W$

2  $N\frac{1}{2}$  8

3 N 8 by N nearly N

3 1118

3. *Hydrocotyle*

3 N 86 78

2 5 June

9 5 N 8 1/2 E

4  
3  
3

35

35

3 5

3. 5

3 5

3 · 5

3 5

3 5

35

Commenced with fine clear  
Breeze and Weather at 3 PM  
Saw a large Ship a point or  
two below steering to the  
Eastward hoisted a signal  
of Distress - - -

Midnight found the Main  
Sail & Main topmast stay  
Sail at 2 Squally found the  
Jib at 5 found the Fore topmast  
strong Breezes and Squally  
at 8.30 took in the temporary  
muzzler —————

Latter part strong breezes  
 & Cloudy Weather - - -  
 The Ship men above whar  
 when nearest to us hauled  
 third of her mast under from  
 the Deck - - -

Latitude by Obs 36.48'



Saturday August 7<sup>th</sup>

3 N 8 1/2 E NW 1/2 N 20

Commenced with strong breeze  
of very pleasant weather  
Saw two large bundles of  
calf at 7 PM set the  
fore top sail

2 5

2 1

2 2 N 8 1/2 E NW 1/2 N

3

3

Middle part strong breeze  
and pleasant weather

3 5

3 5

3 5

3 5

3 5

Latter part strong breeze  
and cloudy weather set  
the main top-mast stay sail

3 5

3 5

No Observation

3 5

3 2

3 2 N 8 1/2 E NW 1/2 N

3 5

3 N 8 1/2 E NW 1/2 N

3

3

3

Sunday August 8<sup>th</sup>

3 5 N 8 1/2 E NW 1/2 N

Commenced with strong  
breeze and cloudy weather  
with fine rain

3 5

3 5

3 5

2 5 N East

2 5

2

Middle part with strong  
breeze

2

2

2

2

2

2

Latter part strong breeze  
and rainy weather

2 5

2 5 N 8 1/2 E

2 5

2 5

No Observation

2 5

2 5 N East

2 5 N 8 1/2 E

2 5

2 5 N 8 1/2 E NW 1/2 N

2

2



Monday Aug 9<sup>th</sup>

3 N 8 1/2 E N W 1/2 N

Commence with strong  
breezes and heavy weather  
at 7 at the Mainmast  
stay sail - - -

2 -- N East N West

2 -- N 8 1/2 E N W 1/2 N

2 N East

1 5 E N E

1 5 N 8 1/2 E N W 1/2 N

Middle part moderate  
breezes and cloudy weather  
at the 7th & Main sail  
at 9 thick heavy weather  
at 9 put over the Topmast  
Rudder to see how the  
Wind held off the Wind  
threw of the Wind thought  
of remaining for the  
Cape of Good Hope  
however hazardous it may  
be at this season of the  
year in our disabled situation

1 --- N 8 1/2 E N

2

2 -- N 8 1/2 E N W 1/2 N

Latter part thick heavy  
Disagreeable weather at  
10 hauled the Main sail

2

2 --- East

West only

No Observation

3

4

4

4

4 8 1/2 E S W 1/2 S

4 N W 1/2 E S S W

4

4

4

3

2

4

4

4

4 5

4 5

4

4

4

4

4

4 5

4 5

4

4

4

4

4

4 5

4

4 5

4

4 5

4

4

4

4

4

Tuesday 10

Commence with fresh  
breezes and disagreeable  
weather much rain at  
10 M keep her off N W 1/2 N  
Capt. Shreve and my  
self thinking that it  
would be an act of despatch  
to attempt to go to the  
Cape of Good Hope for a  
fresh breeze and sea  
it is impossible to strain  
the Ship with our disabled  
any Rudder and by getting  
to the Northward is the  
only chance of saving  
the Ship & our lives for  
if we do not get assistance  
from vessels we may in  
the Trade Winds steer the  
Ship into some port in  
the Brazil Dark heavy  
weather till 10 P M at 11  
find pleasant weather at  
the Main sail and Main  
stay sail between 4 & 8 out  
all night at 11 P M finding  
the Ship strain very bad by  
Double reef the topsails  
and furl the Main sail

South

Latter part pleasant  
weather and steady winds  
from S S E the Ship strain  
very bad by  
of his Day put all hands  
on all hands of Water  
2 quarts per Man

Latitudes by Obs 32.535



5

Eme

Latitude by Obs 32.02

2

W. L. S. N. C. W.

Latitude Observed 32-15  
Distance 65 miles







3 North S by E

3

2

2

1

1

1

1

1



Cabin

Midnight Cabin at 4 AM  
a breeze sprung up from  
the N by East - - - -

Later part of the breeze  
& Cloudy Weather - -

3 5 W by N N by E

3 5

3

3

3

3

3 5 W by N North

3 5

Sunday Aug 15

Commenced with moderate  
breeze & Cloudy Weather  
at 3.30 set the Main sail  
at 6 set it again at 9 light  
air inclining to a calm

3 E by N N by N 92°

3

3

3 E by N

3

3

3

3 E by N N by N

3 E by N

3

3

3

3

3

3

3

3

3

3

3

3

3 E by N

3 N by E

3

3

Monday 15th

Commenced with moderate  
breeze & Cloudy Weather  
at 6 AM Squally appearance  
Calm with the top sail &  
raft the fore sail at 11 AM  
Ship to the Eastward hard  
Squally with much rain and  
the jib - - - -

Midnight took in the  
Temporary Rudder latter part  
Squally with showers of rain

Later part of the 30th 2nd



Tuesday August 17

Wednesday 18<sup>th</sup>

2 S by E East

Commences with fine breeze  
S pleasant weather all  
Sail set on a Wind ~

2  
3 S  $\frac{1}{2}$  W E by S

3

4 South

4

4 S by W

4

4 S by E

Middle part pleasant breeze  
& fine weather at 10 AM  
took in the Main Tack  
& flying Jib ~

4 S by W

4

2 S S W E by E

Latter part fresh breeze  
& passing clouds found  
the fore top & sail  
sailed to the Eastward

2

3 S S W  $\frac{1}{2}$  W

3

3 S W  $\frac{1}{2}$  S

The Watch & m<sup>rs</sup> boys  
mending sails & spinning  
Hemp  
This Day Work being returned  
the next passage is all ready

3

4 S S W  $\frac{1}{2}$  W

4

4

4 8

4 9 S W by S

4 9

3 N East N West 72°

3 N 8 by N

3 N by E W by N

3 North West

3

3

3

3

3

3

3 S  $\frac{1}{2}$  W

3 S  $\frac{1}{2}$  E

3

2 5

2 5 North

2 5

2 5

2

2

2 S by E W by N

2

3 S  $\frac{1}{2}$  E

3

3 V. S. E. W. S. W.

3

Commences with moderate  
breeze & Bary weather  
at 1.30 set the Main Tack  
Haly Sail ~

Middle part moderate breeze  
& pleasant weather at 6 AM  
set the Jib and let one  
reef out of each Top Sail

Latter part some what cloudy

Latitude by Obs 28° 39'

Latitude by Obs 33° 16'



Thursday Augt 19

Friday 20th

2 5 NNE NW by W 22°

2 5

2 5 North

2 5

3

3

2 --- N $\frac{1}{2}$  W

2

3 North

3

2 --- NNE NNW

2

1 5 North West

1 5

1

1 NNE by N

1 5 NNE NNW

1 5

1

1

1 N West

1

1 N by S N by W

1

Commences with moderate  
breeze & pleasant weather  
at 3-30 set the Main  
top-mast stay sail at 7  
took it in again & quickly

Middle part light air  
& Cloudy with Showers  
of Rain at 9-40 the  
Wind hauled to the North-  
west round the yards

Latter part light air  
& passing clouds

Latitude by Obs 27° 45' S

1 5 WSW NNE

1 5

1 5 S West

1 5

1 5 South

2 NNE by N

2 NNE by E

2

2 --- ENE

3 NNE by W

2 N by E

2

2

2

2 5 NE by E

2 5

2 NNE by N

2

2 --- NNE by E

2

2 --- NE by N

2

2 5

2 5

80 miles distance

Light Winds & pleasant weather  
at 4-45 put on the temporary  
Rudder between that & 5, were  
flush to the N East - & 6  
hauled the Main sail & 6  
Close reef the fore topsail

Middle part strong breeze  
& small Showers of Rain

Latter part fresh breeze &  
pleasant weather  
& the water employed before  
the fore sail

Latitude by Obs 27° 12' S



3 Course Winds  
NE by N N West

Saturday August 21<sup>st</sup>  
Fresh breeze and pleasant  
Weather at 1 PM took in  
the temporary Kuddan

2 NNE  
3 N by E

2 Middle part moderate breeze  
& passing clouds at 5 AM  
2 saw a Brig bearing S by E  
2 steering S East

2 --- NE by N  
2 --- NE by N  
2 --- NE by N

2 Latter part moderate  
breeze & pleasant weather

2 Latitude by Obs 26.23 10.4

2 --- NE by N  
2 --- NE by N  
2 NE by E

2 NE N West

Sunday 22<sup>d</sup>  
Moderate breeze & pleasant  
Weather at 3.30 Squally  
with Rain

3 --- NE 1/2 N  
3 --- NE by N  
2 5 NE by N N West

Middle part pleasant at 8.30  
set the Main sail

3 --- NE by N

Latter part moderate breeze  
& pleasant & the Watch  
Employed Stearing Ship

2 Latitude by Obs 25.22.5

2 5 NNE N West  
2 5  
2 5 NE by N  
2 5  
2 5  
2 5  
2 NNE



Monday 23<sup>rd</sup> August

Tuesday 24<sup>th</sup>

1	2	5	NNE
2	2	5	NNE
3	2		NNE
4	2	5	NNE
5	1	5	
6	1	5	
7	1	5	NNE
8	1	5	
9	1	5	N East
10	1	5	NNE
11	1	5	
12	1	5	
1	1	5	N East
2	1	5	
3	1	5	
4	1	5	
5	2		NNE
6	2		
7	2	5	
8	2	5	
9	2		N East
10	2		
11	2		
12	2		

Low moon with light air  
in pleasant weather at 2.10 PM  
Let the reef out of the  
top sail

Middle part light breeze  
& pleasant weather at 5.35  
Let all reef & set the  
jib

Let the part moderate  
breeze & pleasant weather

Latitude by Obs 24° 35' S

2	5	NNE	NNE	8'
2	5			
2		NNE		
2				
2		NNE	NW	
2				
2				
2				
2		NNE		
2				
2				
1				
1		NNE		
2				
2				
2		NNE		
2				
2				
2		NNE		
1		NNE	NW	
1				
1		NNE	NW	
1				

Commenced with light winds  
& pleasant weather

Middle part equally appearing  
with next the top sail  
at 2.10 PM the jib & main  
sail at 11.30 set the main sail  
& jib

Let the part pleasant looking  
to land

Latitude by Obs 23° 55' S  
Longitude by Obs 2° 50' W  
Distance 21° 20' W

4.2 knots



3 NNE 5 West  
 2 North  
 1 5  
 1 5 N by E South  
 1 5 N West  
 1 5  
 2 N W by N  
 2  
 2 N West  
 2  
 1 5 N W by N  
 1 5  
 1  
 3 N W by N 5 West  
 3  
 3  
 3 N N W  
 2 N N W  
 2 N N E  
 2 N N W  
 2 N N W 5 E  
 1 5  
 1 5  
 1 5 N N E 1 East  
 48

Wednesday Augt 23  
 400 miles with light air  
 & pleasant weather  
 at 2 P.M. and all  
 night  
 Middle part as above  
 at 1 P.M. blowing up  
 a fine breeze from the  
 S West & cloudy  
 weather  
 Latter part light  
 winds & pleasant  
 ship does not mind the  
 temper any sudden  
 scarcely any  
 Latitude by Obs 23.20 S

1 N by E 8 E  
 --- 5  
 --- 5 N East  
 1  
 1  
 3  
 4  
 4  
 4 WNW South  
 4  
 4  
 4  
 4  
 4  
 4  
 4  
 4  
 4  
 4  
 4  
 3 5  
 3 5  
 3 5  
 3 5

Thursday Augt 24  
 400 miles with light  
 air & cloudy at 5.30  
 pleasant breeze & much  
 Middle pleasant breeze  
 & weather smooth sea  
 Latter part pleasant breeze  
 & cloudy weather the  
 ship steering smooth till  
 time 6 P.M.  
 Latitude by Obs 23.11 S







4 N N W E by S

4

4

4

4

4

4 5

4 5

4 5

4 5

3 5

3 5

4

3

3

2

4

3

3

2

1

1

1

2

Sunday Augt 29<sup>th</sup>

Commenced with pleasant  
breeze & weather at 10.30  
let all the masts out  
of the fore top sail and  
an out of the Main one

Middle part quite breeze  
& thick heavy weather  
at 5.30 the Wind hauled  
to the N East with thick  
heavy weather

East

Latter part moderate  
breeze & Cloudy

N East

Latitude by Obs 23-21.2

N N W N E by S

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

N N W

N by N N

West North

W by S

W by N

N East N West

Monday 30<sup>th</sup>

Commenced with moderate  
breeze & some light Cloudy  
at 9.30 set the Main & fore  
stay sail at 10 let the  
masts out of the Main & fore  
sail

Middle part moderate  
breeze & pleasant weather

Latter part fine weather  
& light winds

Latitude by Obs 23-18.3

Longitude by Obs 74-50.0



Tuesday Aug 31

Wednesday Sep 1st

3 NW by N 1/2 W  
N East

Commenced with moderate  
breeze & cloudy weather  
at 8 pleasant weather at  
11.30 found the Main top  
most they sail

608

Middle part moderate breeze  
& cloudy weather at 6 AM  
more ship to the N & scattered

La North

Later part gentle & pleasant  
weather

Latitude by Obs 23° 14' South

sea

3 NE 1/2 N NW 70

Commenced with moderate  
breeze & fine weather &  
smooth sea

3 NE by N

Middle part moderate breeze  
& cloudy weather

3 NE East

3 NE 1/2 N

Later part moderate breeze  
& pleasant weather

3 NE East

Latitude by Obs 21.59 S  
Longitude by Obs 7.50 West  
Variation 17° Westerly  
by Azimuth

3 NE by N NW by N

3 NNW NW by N



Tuesday Sep 22

Wednesday 23

3 NE by N NW by N

3 N by W NW by S 7

Commence with gentle  
breeze & cloudy & squally  
appearance Double reef the  
Stay Sail between 11 & 12 o'clock  
out all night

Commence with fine breeze  
& passing clouds at 5 PM  
found the Main Sail too  
much after sail for our  
company Rudder

3 NE by N

3 NNW

3

3 NW by N

3

3

3 NNW

3 NW by N

2 North

1 N West

Calm

Middle part moderate  
breeze & pleasant weather  
at 8 AM found the Main  
Stay Sail

Middle part moderate breeze  
& Cloudy weather at 9:30  
at the Main topmast  
Stay Sail

1 North West

2 NNW

2 NW by N & W

2

Latter part moderate  
breeze & passing clouds

Latter part light winds  
& Cloudy & heavy well  
from the S West the  
Watch Comptrol Ship  
Duty

3

NSW

3

4 NNW

Latitude by Obs 21° 13' South

Latitude by Obs 20° 18' South

4

5 NW by N

3 NW by N

5

5

2 NW by N & W

3

2

2

2 NW by N

2

2

2

2

2



Thursday <sup>Sept 4</sup> 1851

Friday 5<sup>th</sup>

2 NW by W 4 by S

Commences with moderate  
breeze & pleasant weather  
at 10 AM set the  
Main top mast Stay sail

1 5 W by N 4 by W

Commences with light air  
& passing clouds at 1 PM  
Squally appearance double  
craft the top sail

2

5

2

5

2 NW by W 1/2 W

1 5

2 NW by W

1 5

2

1 5

1 - NW by W 1/2 S

---

Middle part light air  
& cloudy weather at 3  
PM found the Main  
top mast stay sail

---

5

at 12 M.V. plus set the  
up out of the top sails  
Nearly calm

1

---

1

2

Latter part nearly calm  
& pleasant weather

1

2 W by N 4 by W

1

2

---

2

5

Latitude by Obs 20.13.5

---

5

5 West East

1

1

1

1

1

5

5

1

1

Latitude by Obs 19.59.5



Saturday 24<sup>th</sup>

1 W by N  $\frac{1}{2}$  N E S E

Commenced with light  
rain & pleasant weather

2

3

2

1 5

East

1 9

1 9

1 5

E S E

2 5

2

Middle part moderate  
breezes & pleasant

3

3

3

3

3

Latter part moderate  
breezes & clearing clouds  
the Watch Employed Stearing  
Ship

5

2

Latitude by Obs 20.12 South

1

East

2 5

2 5

2

3

3

2

Sunday 25<sup>th</sup>

4 W by N  $\frac{1}{2}$  N E S E

Commenced with moderate  
breezes & clearing clouds

4

3

3

3

N East

3

3

3

4

W N W E N E

4

Middle part as above at  
day light small shower  
of Rain

3

3

N N E

4

3

Latter part fine breeze  
& Cloudy weather the  
Watch Employed Stearing  
Ship

4

4

N East

2 5

3 5

E N E

Latitude by Obs 20.11 South

3 5

3

N East

3

N N E

3

North

3 5

2 5



Wednesday Sep 8<sup>th</sup>

W. N. E. N. E.

Commences with gentle  
breeze & cloudy with  
between 10 & small showers  
of rain

N. E. S. S.

W. N. E. N. E.

Middle part fine breeze  
& cloudy with small  
showers of rain

Later part moderate  
breeze & falling from  
weather with rain  
Employed Steaming Ship

Latitude by Obs 20.15 S. 10. 10. 10.

Thursday 9<sup>th</sup>

West North

Commences with moderate  
breeze & pleasant though  
some what cloudy  
between 3 & 4 equal with  
fine breeze & quick blue  
jumps up at 9 & clear off  
fine pleasant weather

W. N. E. N. E.  
West North

Middle part fine breeze  
& pleasant weather with  
at 10 set the Main sail & Main  
top mast - stay sail

W. N. E. N. E.

Later part light  
wind & pleasant with  
in the water Employed  
Ship Steaming

W. N. E. N. E.  
W. N. E. N. E.  
West North

Latitude by Obs 20.29 S.

W. N. E. N. E.



Monday Sept. 1<sup>st</sup>

Wm S. P. N. N. M 70

6 am on road with light  
 rain & pleasant weather  
 at 8 AM some slight  
 to the N. Eastward

Tuesday<sup>11</sup> 1871

*N N M      P P Z*

Common with moderate  
blossoms & cloudy weather

N West

Never Else

East

Eme

Latitude by Obs 19.32 South

Latitude  $20^{\circ} 24'$  South

Latitude by Obs 19.32 South



Wednesday Sep 16<sup>th</sup>

3 5 NW by E East

Common with fine  
breeze & pleasant weather  
at 6 PM blow with  
the Main Top sail the  
Ship steaming very badly

S East

3 5

4

4

4

4

East

4

4

Middle & Latten part  
as above at 6 AM let  
two masts out of the  
Main top sail  
The Watch Employed  
steering Ship

E by N

5

5

5

5

5

5

5

5

5

5

5

4 4

Latitude by Obs 18.33.5

NW by E EN E

Thursday Sep 17<sup>th</sup>

5

Common with fine breeze & pleasant  
Weather

5

4 5

4 5

4

3

3

Middle part fine breeze &  
sailing clouds between 4 &  
& showers of rain

3

3

3

4

4

5 5 Do Do

5 5

4 5

4

4

5

5

5

5

5

4 5

4 5

Latten part fine breeze  
& pleasant weather  
the Watch Employed steering  
Ship

East

Latitude by Obs 17.22.5  
Longitude by Obs 17.55 West  
Variation 12° for Amath



Friday Sep 12<sup>th</sup>

Saturday 13<sup>th</sup>

NW by N 8 by 5

NW by N 8 by 8

Commenced with fine breeze  
& pleasant weather

Commenced with fine breeze  
& pleasant weather at 8  
PM cloudy & continued so  
through the night

8 by 8

NW by N

Middle & latter part as  
above The Watch employed  
steering ship & the ship  
has steered tolerable well  
since we have been in the  
Trade Winds with our  
company steady

Latter part gentle breeze  
& pleasant weather ship steering  
very well

NW by N 8 by 8

8 by 8

Latitude by Obs 15.15 South

Latitude by Obs 15.32 South



Sunday Sept 14<sup>th</sup>

4 WNW 888

Commenced with fine  
& steady Trade Winds &  
Pleasant Weather -

4

4

4

4

4

4

4

4

4

4

4

4

4

4

4

4

4

4

4

4

4

4

3

3

3

3

3

Middle part as above

Latter part large  
all Hands Employed  
getting the Anchors over  
the bows -

Latitude by Obs 15.22

3

3

3

3

3

3

3

3

3

3

3

3

3

3

4

4

5

5

4

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4

4

4

4

4

3

3

3

3

3

3

5

5

W by  $\frac{1}{2}$  N

Port

Latitude by Obs 14.56 South  
Longitude 24.02 West

Monday 15<sup>th</sup>

WNW 888

Commenced with moderate  
breeze & Cloudy Weather

3

3

3

3

3

3

3

3

3

3

3

3

3

3

4

4

5

5

4

4

4

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4

4

4

3

3

3

3

3

3

5

5

W by  $\frac{1}{2}$  N

Middle & Latter part  
fine breeze & Cloudy  
the Watch Employed  
steering Ship -



4 4. W by N 1/2 E 8 at

4 4

4 4

4 4

4

4

5

5

5

5

5

5

5

5

5

5

5

5

5

5

4 5

4 5

4

4

Tuesday Sep 18

Commenced with fine  
breezes & passing clouds  
at 8 AM found the main  
sail at being too much  
sail to steer the ship  
with our temporary Rudder

Middle & Latten part  
fine breezes & Cloudy  
the Watch employed  
steering ship

Do - R by E

Latitude by Obs 14.475  
Longitude 25.35 W  
Variation 8.40 East

5 5 W by N 1/2 E 8 at

5 5

4 4

4 4

4

4

5

5 4

5 5

5 2

5

5

5

5

5

5

5

5

4

4 5

4 5

4 5

4 5

4 5

Wednesday 19

Commenced with fine  
breezes & Cloudy weather

Middle part as above  
at 12 PM Double reefed  
the main top sail the  
ship steering badly

Latten part fine breeze  
& passing clouds the  
watch employed steering  
ship

Latitude by Obs 14.37 1/2



Thursday Sep 20

3 7 W by N East

3 7

4

4

4

4

4

4

5

5

4 5

4 5

4

4

4

4

4 5

4 5

5

5

4 5

4

4

4

Commences with fine  
s. passing clouds ~

8 by 8

Middle part fine breeze  
s. cloudy weather ~

8 by 8

Latter part pleasant  
breeze s. weather the  
Watch Employed Heavy  
Ship ~

Latitude by Obs 14.24.5

Longitude 29.30 West

Barometer 5.20 for Air

Friday 19<sup>th</sup>

3 5 W by N East

3 5

3

3

3

3

3

3

3

3

3 5

3 5

3

3

3

3

3

3

3

3

4

4

4

4

4

4

Commences with fine  
breeze s. pleasant weather  
at 5 PM let the masts  
out of the Main top  
Sail ~

8 by 8

Middle part moderate  
breeze s. passing clouds

Latter part gentle breeze  
s. pleasant weather  
the Watch Employed  
steering ship ~

8 by 8

Latitude by Obs 14.05.5



4 WNW 8 E 6/8

296  
Saturday Sep 20

Commenced with fine  
breeze & pleasant weather  
At 3 PM double reefed  
the main top sail --  
The ship steering badly

4 5

4 5

4 5

4 5

3 5

3 5

3 5

SSE

3

Middle & latter part  
pleasant breeze & weather  
of the vessel employed  
steering ship --

3

3

3 5

East

3 5

3

Latitude by Obs 13.25<sup>th</sup>

3

4

4

3 8

3 8

3 8

3 8

4 WNW 8 E 6/8

Sunday Sep 21<sup>st</sup>

Commenced with fine breeze  
& pleasant weather --

4

4

4

3 5

3 5

3 5

3 5

3 5

3 5

3 5

3 5

4

4 Sea Sea

4

4 5

4 5

5

5

4 8

4 8

4 8

4 8

3 5

3 5

Middle part cloudy with  
small shower of rain

Latter part pleasant  
breeze & weather between  
8 & 10 but the cables

Latitude by Obs 13.05<sup>th</sup>



Monday Sep 24<sup>th</sup>

4 Wly N E by N

4 Commences with fair-  
breeze & weather -

4 5

4 5 Wly N ENE

4

3

3 5

4 5

4 5

4 Middle & latter part  
the watch employed  
steering ship -

4 Do Do

4

3

3

4

4

4

4 5

4 5 Wly N East

4

3 5

3

3

3

4

4 5

3 5 Wly N ENE

3

3

3 5

3 5

3 5

4

5

4

4

4

4 5

4 5

4

4

4 5 Wly N NE East

3 8

3 5

3 5

Tuesday Sep 25<sup>th</sup>

Wly N E by N

Commences with fair  
breeze & weather. Again  
observed that we brought  
up quick silver in  
greater quantities than  
before leaving port.  
What Cloudy -

Middle & latter part  
of m. breeze & heavy  
weather. The watch  
employed steering ship.

Latitude by Obs 12.27.10



the Day of the Week & month mark every

Wednesday Sept 24

Thursday 25

W<sup>1</sup>/<sub>2</sub> N N East Sunday Sept 26

Light breeze & cloudy  
Weather at 3.30 Saw the Coast  
of Brazil bearing from  
W by N to N W<sup>1</sup>/<sub>2</sub> N at  
11.30 Saw two sail to the  
Westward

Midnight heavy weather  
at a moderate breeze at 1.30  
sounded in 15 fathoms  
at 2.30 hove the main & the  
top sail at daylight fell  
& made sail at 5.50 P.M.

Letting part moderate  
breeze & heavy saw a  
large number of fishing  
canoes in the

At 10 P.M. farthest land sight  
bore W by S & distant  
5 leagues

all hands camp laid  
ships duty

Latitude Observed 12.57 South  
Longitude

Sept 27

3

Common with moderate  
breeze & heavy weather  
a Brig astern standing  
in for St Salvador at 4.10  
P.M. lost Calo bore NW  
by N<sup>1</sup>/<sub>2</sub> N stand in sight  
Course governed by sound  
& when lost Calo bore  
N by E<sup>1</sup>/<sub>2</sub> E distant about  
4 miles stood in N by E  
finding we could not  
fetch into the harbor  
Came to with the trim  
anchor at 8.40 P.M.  
In 28 fathoms of water  
lost Calo light 28.8  
and the City of St Salva  
dor C.M.E.

At 10 A.M. got under way &  
beat up the Harbor at  
3 P.M. moved off with  
the small Bown & Steamer

End with light  
breeze & pleasant weather

143 Days from  
Salem  
53 Days from  
the Gale

The Day of the Month  
& week is marked every  
In every Days work in  
this last month  
His Work when not in  
our own hands up to Captain  
Coffey from the log book



Friday Sep 26<sup>th</sup> 1862

Big Govt Endicott from H Salvador  
Towards Canton

Benjamin Shore Pastor



December 20<sup>th</sup>

Commenced with pleasant  
Winds & Weather at Sunset got  
under way with the Wind E by N  
at 8-20 Cape St Anthony bore  
N by E 2 E 4 Miles Distance  
at 9-30 set the Main sail  
and Main top & sail.

3 S S E E by N

4

5 S by S

5 5

5 5 S S E

5 5

5 5 S by S

5 5 S by S E N E

5 5

5 5

5 5

5 5

4 9

N East

4 9

4 2

4 2

Midnight pleasant at Day  
light saw a Smack standing  
to the Westward between  
8 & 8 set the Fore top-mast  
and Main top & sail  
Main top-mast stay sail.

Latter part fine breeze  
pleasant Weather

Latitude Obs 14-25 South

Tuesday 21<sup>st</sup>

Commenced with pleasant  
Winds and Weather all Day  
Sail set

4 4 S by S. N East

4 2

3 5

3

3 5

3 5

5 S S E E N E

5

5

5

5

5

5 S by S

5

5

5

4 5

4 5

4 S by S

4

4 S by S

4

4 East

4

Midnight pleasant breeze  
and smooth sea some what  
cloudy at 10 AM took in  
the Fore top-mast stay sail  
and Main Royal

Latter part light squalls with  
Rain

No Observation



December 23<sup>d</sup>

3 S by S NW by N  
 3  
 3 5 SEast North  
 3 NEast  
 3  
 4  
 5 5 S by S  
 5 5 S by S & NE  
 6 South & S  
 6 S by N 1/2 W S by E  
 5 --- S by E  
 1 --- S by W  
 1 --- S by W  
 3 --- S by E  
 4 SEast NE by E  
 4  
 5  
 5 S by E  
 5  
 5  
 3  
 3  
 4 S by E  
 4

Begin with light variable  
 Winds and squally weather  
 at 3 PM at the Fore top  
 mast and Main topst. And sail  
 at 4 at the Flying Jib  
 and Main Royal more clear  
 at 8 took in the light  
 Tails Squally with rain  
 at 10 took the Fore top  
 st sail at 11 took in the  
 Main do ---

Mid night nearly calm  
 Dark Cloudy weather  
 at 2 AM at the topst  
 sails between 4 & 6 at the  
 Fore topst sail Flying Jib  
 and Main Royal ---

Latitud by Obs 17.48  
 Latitud by Obs 19.28

Thursday 23<sup>d</sup>

4 S by E East  
 4  
 3 6 S 1/2 E  
 3 4  
 3  
 3  
 3 S 1/2 W  
 4  
 4 --- South & by S  
 4  
 4  
 5  
 4 --- S 1/2 E  
 5  
 5 S by E  
 4  
 4 S by E  
 4  
 4  
 4  
 4  
 5 --- S by E East  
 5  
 4 S 1/2 E  
 4

Commenced with pleasant  
 Breeze and weather all day  
 Sail set ---

Middle part as above  
 at 10 PM took in the  
 Main Royal ---

Latitud by Obs 19.28



December 21<sup>st</sup>

4 2 S by E 2 E 1/2 N 3'  
 4 5  
 4 5 S by E East  
 4  
 4 -- S 1/2 E  
 5 6  
 6 6  
 5 2  
 6 S by E 1/2 E  
 6  
 5 9 S 1/2 E  
 5  
 4 S by E 1/2 E  
 3 S by E 1/2 E  
 3  
 3  
 3  
 3  
 4 -- S by E  
 4  
 5 South E by S  
 5  
 6 S by E East  
 5

Began fine breeze cloudy  
 all Drawing Sail at 2  
 PM went down the fore  
 Royal yard saw a Schooner  
 standing to the North

(Middle part of plant  
 breeze and weather  
 some cloudy at 10.50.  
 found the Flying Jib

Latter part Breeze  
 Breeze and Cloudy

Latitude by Obs 21.29  
 Longitude by Obs 36.10 West  
 Variation per Azimuth  
 30, miles

114 miles Distance

5 S by E 2 E 1/2 N  
 5  
 4 5  
 4 5  
 4 5 S by E 1/2 E  
 4  
 4  
 5  
 4 -- S by E 1/2 E 1/2 N  
 5  
 5  
 5  
 5  
 4  
 5  
 5  
 4  
 5  
 5  
 4  
 5  
 5  
 4 8  
 4 8  
 5  
 5

Saturday 22<sup>nd</sup>  
 Commenced with plant  
 breeze and Cloudy weather  
 all Drawing Sail at  
 12 Squally gust in the  
 light sails at 12 found  
 the top of sails

Middle part more plant  
 set the top of sails at 2  
 set the Flying Jib and  
 Main Royal at 10 AM  
 set the fore topmast  
 and Main top of stand  
 sails

Latter part fine Breeze  
 & weather

Latitude by Obs 23.20  
 Longitude by DR 35.22  
 Diff long 54, miles  
 Variation 00

116 Distance



December 26<sup>th</sup>

5 S 8 1/2 E N East

Commenced with fine  
Breeze and shifting Blue  
at 2 PM set the Main  
topmast stay sail

5

4

4

4

3 8

4 5

4 4

5

5

Middle part as above

5

5

5 Do Do

5

Latter part pleasant  
breeze and very hazy

4 4

4 5

4 5

5

4 S 8 1/2 E N 8 1/2 N

Latitude Observed 24.59

Longitude by DR 34.13

Variation 30 Miles -

4

4

5

5

4

110

Monday 27<sup>th</sup>

S 8 1/2 E N 8 1/2 N

Commenced with light breeze  
and hazy weather at 11  
AM took in the Main  
topmast stay sail - - -

3

3

3

3

2 8

3 8

3 8

4 5

5 8

5

5

6

6

Do - - North

5

6

5

5

4

4

4

4

5

5

5

104 Distance

Middle part fine breeze  
and Dark Squally weather  
with much rain at 1 AM  
took in the fore topmast  
stay sail Main Royal  
topmast stay sail at 6.30 set  
the fore topmast stay sail  
at 9 set Lower stay sail  
& Main Royal at 11.30  
In the sails of jib ship

Latter part Squally with  
much rain - - -

No Observations  
Latitude by DR 26.19  
Longitude by DR 33.01  
Diff longitude 1.12

NNN



December 28<sup>th</sup>

4 8 S E 1/2 S NW by N

4 8

5

2 5 S E by E

5

5

4

4

5

5

6 -- S East NW by N

6

5 5

5 5

5

5

5

6 West

5 NW

5 0 S West

6 5 S E by E

5 5 South

5 5

5 9 S E by S

5 5 S E 1/2 S S by E

Commences with fine  
breezes and showers of rain  
at 9.30 set the Larboard  
Studding sail at 5 furl  
the Main Royal & Tarsail  
at 2 m Stud sails & 9 ft  
Ship - Squally at the  
Harbour from top mast Stud  
sail ---

Latter part Middle squally  
with much rain at 1 AM  
took in the fore topmast  
Studding sail ---

Latter part brisk breeze  
and very heavy weather

Latitude Obs 27.40 South

Longitude by DR 31.13

Dif longitude --- 1.48,

Distance 128 miles

5 S E 1/2 S S by E 40

4

3 East

3

3

2 5 NE 1/2 E

1 5 S 1/2 W ESE

4 S by W 1/2 W

4

4

3

2 S by W

2 S by W 1/2 W

2 SSW

2

2

2

2

1 5

1 5

1 5

1

1

1 4 S by W SSE

1 4

Wednesday 29<sup>th</sup>

Commences with gentle  
breeze and heavy rain  
at 5.40 PM set the  
Northward at 11.30 set  
the Flying Jib ---

Middle part light breeze  
and cloudy at 1 PM  
saw a sail to the westward  
standing to the Northward

Latter part light wind  
and cloudy weather ---

Latitude Observed 28.13 S

Course South ---

Distance 33 miles

Difference ---

Longitude by DR 31.13

Variation 1.30 West

by Azimuth ---



December 30<sup>th</sup>

1 S<sup>1</sup>/<sub>2</sub> E 2<sup>1</sup>/<sub>2</sub> S

Commences with light  
air & Cloudy Weather

1

1

1

1

1

1

1

1

1

1

1

1

Calm

Middle part calm  
& Cloudy at 4  
big lot air from the  
Northward at 5 set the  
Fore top mast of Main  
top of the sails of Main  
Royal - - - -

1

1 -- S E<sup>1</sup>/<sub>2</sub> S North

Latter part light  
air & Cloudy Weather

1

1

Latitude Observed 28.28.5

2

Longitude by DR 31.15 E

2

SSE

Distance 26 miles

Dip long 8 miles

Variation 50 Westing

2

2

2

Friday 31<sup>st</sup>

1 S<sup>1</sup>/<sub>2</sub> W Ely S

1

2

2

2 5

2 5

3 5

5

5

4 5

3 5 S by E<sup>1</sup>/<sub>2</sub> E

2 5 S by W ESE

2

3 S S West

3

2 S W by S

3 S W<sup>1</sup>/<sub>2</sub> S

3 E by N

3 E N E

3

3

4 S W<sup>1</sup>/<sub>2</sub> S West

4 S West S by S

4

4

5

Commences with light  
air & Breezy weather  
At 5 PM took in the  
Fore top mast & the sail  
of top galley do at 5  
30 found the Main  
top mast & the sail  
at 8.15 took in the  
Fore top of sail & the  
Breeches & Breeches  
at 9.30 set the Fore  
top of sail & the  
Fore - - - -

Middle part light  
Winds & Cloudy weather  
At 5 PM took in the  
to the North & Eastward  
at 3 took to the South  
& Westward - - - -

Latter part pleasant  
breeze & weather  
at Meridian took  
to the Eastward

Latitude Observed 29.22  
Course South  
Longitude 31.05  
Distance 76 miles  
Variation 50 Westing



January 1st 1890

3 ENE & E by S 4

3 Commences with pleasant breeze & weather at 5 PM

4 ... E by N S E at 7 Tackled ship to the

4 S & Eastward at 10 set the

4 E by N 1/2 N Flying jib

4

4 ... ENE

3 ... S by S East

3 ... S by W

3 Middle part pleasant breeze & weather at 10

4 set the Flying jib

4

4 S by N 1/2 W

4 Latter part pleasant breeze & weather

4

4 ... S by W

4

4 ... S 1/2 W

4

3 7 S 1/2 E

3 8

3 8 S by E East

3 8

Middle part pleasant breeze & weather at 10 set the Flying jib

Latter part pleasant breeze & weather

Latitude Observed 30° 11' 20" N  
Longitude by D R 31° 17' W  
Distance 11 miles  
Distance 91 miles  
Variation per Azimuth 1° 28' Westerly

Sunday 2nd 1890

4 S by E East 2

4 Commences with pleasant breeze & weather all day

3 ... S 1/2 E ESE

4

4

4 ... S 1/2 E

4

5 ... SSE

3

4

4

5

4

3 ... S 1/2 E by S

2

2

2

2 5

2 5

2 5

1 5 SSE

1 5

Middle & Latter part as above at 1 PM set the Main Mast - The Watch Employed Ship's Doctor - Tarnish the Main Deck

Latitude by Abs 31° 45'  
Longitude by D R 30° 28' W  
Distance 29 miles  
Variation per Amplitude at sun set was 1° 30' W



January 3<sup>d</sup>

2 --- S by East East 4<sup>o</sup>

Commenced with fine  
breeze & pleasant weather  
all sail set on a run

2

3 --- S  $\frac{1}{2}$  W E by S 5<sup>o</sup>

3

4 -- South E by S

4

4 -- S by W

4 -- S  $\frac{1}{2}$  West

4

1

4 -- S by E East

4

2 S  $\frac{1}{2}$  E

2 S by W

3 W  $\frac{1}{2}$  W

3

3 S W  $\frac{1}{2}$  S

3

4 S W  $\frac{1}{2}$  W

4

4 S by E East

4 8 S W by S

4 8

4 8

Middle part pleasant  
pleasant breeze & fine  
weather at 11 AM took  
in the Main Royal &  
Flying jib ---

Latter part fresh breeze  
& hazy clouds  
at 11 AM found the fore  
topmast sail Tack to the  
Eastward  
The Watch employed  
mending sails &undry  
Spongers ---

Latitude by Obs 32<sup>o</sup> 18' ±  
Longitude by DR 32<sup>o</sup> 18' W  
Dip Longitude --- 29<sup>o</sup>  
Course S 21<sup>o</sup> West ---

Tuesday 4<sup>th</sup>

N 8 by E ESE 5<sup>o</sup>

4

4

4

$\frac{1}{3}$

2

3

4

3

3

3 8 S  $\frac{1}{2}$  W

3 8

3 8

3

3

2

2

3

3

3

3

3

4

4 5

4 5

N East

S by W

S by W  $\frac{1}{2}$  W

S by W

Strong breeze & hazy clouds  
At 3.15 Tack to the  
South & Westward at 4.30  
took in the Main topmast  
Sail at 5 Double reefed the  
top sails & single reefed the  
Main one sent down the  
the Main Royal yard &  
fore royal mast which  
cloudy weather & heavy  
head sea ---

Middle part strong breeze  
& cloudy wind the topmast  
at 8 AM set the Main  
stay sail ---

Latter part strong breeze  
& cloudy weather ---

Latitude by Obs 32<sup>o</sup> 18' ±  
Longitude 32<sup>o</sup> 18' West  
Course South ---  
Distance 52 miles ---

S by E E by N  $\frac{1}{2}$  N



3 5 S S E by N 11°  
 3 5  
 4 5  
 4 5  
 3 S by E 1/2 E  
 4 5 S E by S 1/2 S  
 4 5  
 5  
 3 S E by E E N E 5  
 4  
 4  
 1  
 4  
 4  
 5 S E by S  
 5  
 5 2  
 5 2  
 5 4  
 6 5 S E by E  
 6  
 6  
 6  
 6 5

January 5  
 Strong breeze & Cloudy  
 Weather at 2.15 haul  
 down the Main stay  
 & set the Main sail & main  
 top & sail at 7.30  
 found the Main topgallens  
 sails & haul up the  
 7° Main sail at 11.00  
 the foresail & set the  
 Main top mast stay sail  
 Middle part strong  
 breeze & Cloudy weather  
 Latter part strong  
 2 breezes & Cloudy  
 with much rain  
 No Observation  
 Variation 2° over West  
 Latitude by D R 35° 41'  
 2 Longitude by D R 30 29 West  
 Difference 1.09 East  
 Distance 110 miles  
 Course S 36.00 East

6 S East N E by E 6°  
 8  
 6  
 5 S S E 1/2 E  
 5 E S E 1/2 E by N  
 4  
 4 E by S N N E  
 3  
 5 E S E  
 3  
 2  
 3 8 N N W  
 3  
 4  
 4  
 4  
 4  
 3  
 2  
 3  
 1/2 8 S E by E  
 4 6  
 5

Thursday 6  
 Strong breeze & Cloudy  
 fine Rain heavy head sea  
 at 7.00 AM set the Main  
 top & sail at 8.50 took in  
 Main sail & Main top  
 sail at sunset moon  
 moderate at then again  
 let the masts out of the top  
 sails & Foresail  
 Midnight moderate breeze  
 & thick foggy weather  
 heavy head swell at 3.30  
 at 4.00 AM set the  
 Starboard fore top mast head  
 sail at 5.30 set the lower  
 & Main top & stand sail  
 at 5 set the lower head sail  
 Latter part fine breeze &  
 hazy weather  
 No Observation  
 Variation per Azimuth 5°  
 Latitude by D R 35° 35'  
 Longitude by D R 28° 21' West  
 Difference 1.39 West  
 Distance 95 miles  
 Course S 57° East



5 S E by E W N W  
 5 E S E  
 4 5  
 5  
 5 5  
 5 5  
 5 5  
 0  
 0  
 0  
 0 NW by W  
 6  
 0  
 8 Do ---  
 5  
 5  
 5  
 5  
 5  
 5  
 4  
 4  
 4 9  
 5 9  
 5 0  
 5 3

January 7<sup>th</sup> 1891  
 Fine breeze & hazy weather  
 all Drawing Sail set  
  
 Middle and Latten part  
 as above ---  
 The Watch Comp. kept  
 over hauling sails & Spinnaker  
 Spinnaker  
 ---  
 Latitude by Obs 37° 49' S  
 Longitude by D R 25° 58' W  
 Diplog 2° 23' east  
 Distance 923 miles  
 Course S 68° E  
 Variation 5° westerly

7 E by S NW by N  
 7  
 7 E ½ S  
 7  
 7 5  
 7 2  
 7 5  
 7 5  
 7  
 7  
 7 5  
 7  
 8 Do --- Do ---  
 8  
 8  
 7 5  
 7  
 7  
 7  
 7 5  
 7 5  
 7 2  
 7 1

Saturday 8<sup>th</sup>  
 Fine Breeze & hazy weather  
 at 5 PM took in the topgt  
 Stud sails at 6.15 took in  
 the Main Royal & Main  
 top mast stay sail ---  
  
 Middle part Squally looking  
 weather took in the Stud sails  
 fore topgt sail strong breeze  
 & cloudy at 5 set the  
 fore topgt sail at 9 set  
 the fore topmast Stud sail  
 at 11 set the lower Do ---  
  
 Latten part fine breeze &  
 hazy weather the ship steamed  
 harmoniously with the breeze  
  
 Latten part Obs 37° 57' S  
 Variation 5° for the magnet  
 Longitude by D Obs 21° 17' W



7 5 8 1/2 S NW by N  
 7 2  
 7 5  
 7 8  
 7  
 7  
 7  
 6  
 7  
 7  
 7  
 6  
 5 7 Do--  
 6 7 NW by N  
 6 5  
 6 8 NW by N  
 7  
 7  
 6 5 NW by N  
 5 8  
 7 2  
 7 5 NW by N  
 7 3  
 7

January 9<sup>th</sup>  
 Fine breeze & hazy at 11 AM  
 set the reef, 1st sail at  
 0-40 fathoms & again and  
 took in the studding sails  
 thick Cloudy squally looking  
 weather at 9 fathoms the  
 fore topmast sail at 11 fathoms  
 the Main Do ---  
  
 At N hears squalls with  
 much rain double reef  
 the fore top sail & top  
 reef the Main one  
 between 2 & 4 out all reefs  
 set the Main sail topmast  
 sails & Starboard Lower  
 & fore top mast third sail  
  
 Latter part brisk breeze  
 & freshening squalls ---  
  
 Latitude by Obs 37.44 North  
 Longitude by Obs 17.19 West  
 Distance 167 miles  
 Variation 7° Westerly  
  
 Latitude by Obs 37.26 North  
 Longitude by DR 13.46 West  
 Diplog 3.33 miles  
 Variation 7° Westerly  
 Distance 178 miles  
 Course East Nearly ---

7 5 8 by S NW by N  
 7 5  
 7  
 7  
 7  
 7  
 7  
 6 5  
 6 5  
 6 5  
 6 5  
 7  
 7  
 7 5  
 7 5 8 1/2 S  
 7  
 5 5 NW by N  
 6 5  
 7  
 7  
 7 5 8 by S 1/2 S  
 7 5  
 7  
 7  
 7

Monday 10<sup>th</sup>  
 Strong breeze & squally  
 weather at 3.30 PM  
 took in the studding sails & fore  
 topmast sail furl the Main sail  
 the Wind off ---  
  
 Middle part strong breeze  
 & squally at 5 PM more  
 pleasant set the fore topmast  
 sail & fore top mast third sail  
 at 6 set the Main sail &  
 Lower third sail ---  
  
 Latter part strong breeze  
 & Cloudy The water empty  
 Repairing the 1st sail ---  
  
 Latitude by Obs 37.26 North  
 Longitude by DR 13.46 West  
 Diplog 3.33 miles  
 Variation 7° Westerly  
 Distance 178 miles  
 Course East Nearly ---



7 S 86 E S 11st  
 7 2 S 80 E  
 6 5  
 6 5  
 7 S 86 E  
 7 4  
 7 5  
 7 5  
 7 5  
 7  
 7  
 8  
 7 Do —  
 7  
 7  
 8  
 7 5  
 7 5  
 7 5  
 7  
 7  
 5 5  
 5 3  
 6 3

January 11<sup>th</sup>  
 Strong breeze & cloudy  
 Weather just after M  
 took in the Stud sail  
 at 1.30 set the Tenter  
 reef at 4 PM saw  
 the Island of Tinian?  
 Sea was very thick  
 & cloudy in the direction  
 of it at 6.30 Inamall  
 Island bore N East by  
 Compass —  
  
 Middle part strong  
 breeze & squally  
 with hail & shower  
 of rain at 5 set  
 the fore topmast  
 Stud sail at 6.30 set  
 the Main top mast  
 Stay sail —  
  
 Latter part fine  
 breeze & a heavy  
 swell from WNW  
  
 Latitude by Obs 38.45  
 Longitude from the last line  
 10.26 West  
 Difference by the land  
 Difference 3.20 m  
 Variation of West only  
 Course 87.0 East  
 Distance 103 miles —

7 E 8 E S 11st  
 7  
 7  
 7  
 7  
 6  
 7 S 86 E S 11st  
 6  
 5  
 3  
 3  
 2  
 3  
 3  
 2  
 2  
 2  
 2  
 2  
 1  
 3  
 3  
 3  
 3

Wednesday 10<sup>th</sup>  
 Fine breeze & cloudy a heavy  
 swell from the Southward at 1.30  
 set the lower & fore topmast  
 Stud sail at 1.30 set the Main  
 Royal & Main topmast Stay sail  
 at 9.30 took in the Light  
 Sails —  
  
 Middle part moderate & cloudy  
  
 Latter part pleasant weather  
 a nice whelk soup  
  
 No observation  
 Latitude by D R 38.45 South  
 Longitude by D R 8.38 West  
 Difference — 1.48 East  
 Variation — 12.00 West only  
 Course 87.4 East  
 Distance 89 miles —

Calm  
 S 86 E N East  
 S East



January 13<sup>th</sup>

5 88 by E N East

5

6 5 East

6 5 88 by E N East

7 5

7

7

7

7

8

8 88 by E NNE

8

7

6

8 North

6

5 NNE

5

5

5 N West

6

6

6

5 5

Commenced with moderate  
breeze & cloudy weather  
at 3 PM squally with  
in the fore top of sail  
Thick cloudy weather  
with fine rain

Middle part thick lower  
& thick heavy weather  
with rain at 3 PM  
at the fore top of sail  
between 4 & 8 at the larboard  
the sails Main Royal  
& Main top mast stay sail  
Saw several large bunch  
of kelp

Latter part pleasant  
breeze & heavy weather  
The Watch Employed  
Ship Duty

Latitude by Obs 39.215  
Longitude by D R 5.35 West  
Dip by Index 21.04  
Variation 14.00 West  
Distance 148 miles  
Course S 76 East

Friday 14<sup>th</sup> 1820

5 5 88 by NNE

6 5

6

7 2

7 5

7 5

7

8

7 5

7 9

7 8

7

7 5 ESE Sun

7 5

8

7 5

6 5

6 5

7

7

7

7

7

7 5

8

8

173

Summit

NNE

Time & hour of day  
Weather all morning sail set  
at 11 PM set in thick  
cloudy weather took in  
the star sail & Main Royal  
Flying Jib

Middle part thick cloudy  
weather with small rain  
at 5 & 11 at the Larboard  
studding sail & Main Royal

Latter part fine breeze  
& heavy weather the  
Watch Employed Making  
a Top mast stay sail

Latitude by D R 39.41 South  
Longitude by D R 1.52 West  
Dip by Index 21.43  
Course S 76 East  
Distance 173 miles  
Variation for Azimuth  
10. West only



January 15<sup>th</sup>

7 ESE NNW

Common as fine breeze  
I heavy weather all  
Drawing sail at

7

8 5

8 5

8

NW

8

8

8

8 E by S 8

Middle part cloudy  
at 4 got the main  
topmast sail at 8 got  
the Starboard lower  
stud sail found the  
Tide in the wind  
aft

8

NW

8

8

8

NNW

8

8

Latter part fine breeze  
& heavy the watch down  
Repairing the main top

8

8

Latitude by Obs 39.23

8

Longitude by DR 1.25 East

8

Dip by 3.17

8

Course East

8

Distance 152

7

Variation for Steamship

7

18° West only

6

Sunday 16<sup>th</sup>

8 5 ESE NNW

Fine breeze & Cloudy  
Weather at 3 PM  
Gild ship & set the  
stud sail on the Starboard  
Side at 5 set the Tyn sail

8 8

8

7

Wly

7

7 5

8 5

8 1

West

7

Middle part fine breeze  
& thick Cloudy weather  
at 3 PM set the main  
topmast & main top  
stud sails at 8 set the  
Starboard stud sail the  
Wind aft

8

8

8

7

NNW

8

8

Latter part fine breeze &  
Cloudy weather

8

Latitude by Obs 39.20 S

8 5

Longitude by DR 4.35 East

5 5

Dip by 3.11

4 9

Course East

4 5

Variation 20; West only

5 2

Distance 147 miles

5 5

5 8

8



8 8848 is wlym

January 14<sup>th</sup>

Came on over with fair  
breezes & thick cloudy  
weather at 7 set the  
Tory sail at 8 took in  
the larboard studd sail  
at 11 found the Tory 12

middle part fine layers  
of thick Ligno. North  
at 7 PM took in at  
the Carpent Shed rails

Do. — — —

Left this part five hours  
of cloudy the watch  
Camp here on the 10th

Latitude by Obs  $39^{\circ} 26'$   
Longitude by D. R.  $7^{\circ} 34'$   
Distance  $2^{\circ} 59'$  mile  
Variation  $22^{\circ}$  West by  
Compass & by S —  
Distance 139 Miles —

1848

Sunday 18<sup>th</sup>

Can mess with fine  
bunches of thick clothing.  
Weather all I want  
did not at 5-30 look  
in the harbor at the lake  
at 7 out the bay

middle part thick  
to wind as it rather  
break the 2. m. sail Main  
Trawl & took in the  
Main top & the sail  
at 9. 1/2. I left I set the  
the sail on the 1. Trawl  
side at the 1/2. 1/2. I  
1/2. Trawl & 1/2. Trawl

12th

Latter part light rain  
 & much cloudy weather  
 No observation  
 Latitude by D.R.  $40^{\circ} 04'$  South  
 Longitude by D.R.  $10^{\circ} 30'$  West  
 Dip Longitude —  $2^{\circ} 58'$  East  
 Variation —  $23^{\circ} 00'$  West by  
 Course S 81 E at  
 Distance 137 miles —

MS. B. 1. 1. 1. 1. 1.



2 E by E 1/2 E W S W  
 1 5 West  
 5  
 4  
 5  
 4  
 4 9  
 2 5  
 2 5  
 6 5  
 5 East  
 4 E N E  
 2 5 E by N E by E  
 2 5  
 2  
 2  
 2 East  
 2 E E E  
 3  
 4  
 4 E 1/2 N S by W  
 3  
 2 E by S South  
 1

January 19<sup>th</sup>  
 Commenced with light breeze  
 S E landy weather at 2  
 P M ~~at~~ the lower studies  
 at 8.30 a breeze from the  
 Southward took in the  
 1<sup>st</sup> & 2<sup>nd</sup> sails & set the  
 Main Royal  
 Middle part light  
 air & cloudy at 9 set  
 the Main Royal  
 Latter part light wind  
 & fine weather  
 Latitude by Obs 39.20.5  
 Longitude by Obs 12.50.0  
 Variation for Amplitude  
 25° West only

Thursday 20<sup>th</sup>  
 2 5 E E E S by W 1/2  
 Commenced with light air  
 & pleasant & swell  
 from the Westward  
 3 5  
 2  
 2  
 2 --- E S E 1/2 S  
 2  
 2  
 1  
 --- 5 S by E 1/2 E  
 --- 5  
 1 5  
 1 5  
 2 5 S by S S by W  
 3 S E 1/2 S  
 3 East  
 3 S E by E  
 3 2 S by E 1/2 E NE  
 4 9  
 5 8  
 5  
 6  
 6  
 5  
 6  
 Middle part light air &  
 cloudy at 1 set the  
 1<sup>st</sup> sail at 10 set the  
 Carpent fore top mast &  
 Main top 1<sup>st</sup> & 2<sup>nd</sup> sails  
 Latter part pleasant  
 breeze & weather all  
 running sail set the  
 1<sup>st</sup> & 2<sup>nd</sup> sails & 3<sup>rd</sup> masts  
 the 1<sup>st</sup> & 2<sup>nd</sup> masts & 3<sup>rd</sup> masts  
 & 1<sup>st</sup> & 2<sup>nd</sup> sails  
 Latitude by Obs 39.33.8  
 Longitude by Obs 14.24.8  
 Longitude by Obs 14.34.8  
 Variation for Amplitude 26° West  
 Course S 81° East  
 Distance 74 miles



H K F			Course	Winds	Remarks	H K F			Course	Winds	Remarks	
Friday January 21												
1	6	5	SE by E	NNE	Commenced with fine breeze & pleasant weather at 8.30 set the lower stud sail between 7 & 8 took in the lower & top of stud sails at 9 took in the Main top mast stay sail & Main Royal. Saw a large number of white birds round the ship through the day	1	4		SE by E	North	Commenced with light breeze & pleasant weather at 5.30 a light breeze from the NW forced the stay sail and took in the stud sails at 7 set the Mainmast from top mast stud sails at 9 took it in again Calm	
2	5	9				2	3					
3	5	8				3	2					
4	5	8		WSW North		4	1	5				
5	5					5	1	5				
6	5					6	1	7		WSW		
7	5					7	1	5				
8	4					8	2					
9	6	8	SE by E	ENE		9	1					
10	7	9				10		5	E by N	SE		
11	7			NE by E		11	1		E by E		Middle part moderate breeze & passing clouds at 1 PM. bright round the land at 10 PM. forced the Flying Jib & main royal at 11 took in the fore top & sail	
12	7				Middle part brisk breeze fine weather at 1 PM. took in the Flying Jib at 5 set the lower & main top mast stud sail at 8 set all Dyeing sail	12	1		SE by E			
1	7					1	1		NE by N	E by N		
2	7	9				2	2		SE	E by E		
3	8	5				3	3	5	SE by S			
4	5					4	4	8				
5	6			NE East		5	4	5	SE East			
6	6				Latter part moderate breeze & cloudy weather	6	4	2				
7	6					7	4	2	SE by E			
8	5					8	4					
9	5	5			Latitude by Obs 39.52.52 Longitude by D.R. 17.28.20 Dip longitude - 3.04 Variation 2.00 West only Course 58.1 East Distance 144 miles	9	4		SE by E	E by E	Latitude by Obs 40.11 South Longitude by D.R. 18.52 East Dip longitude - 1.24 East Variation 2.8 West only Course 78 East Distance 80 miles	
10	5	9				10	4					
11	4	8				11	4					
12	4	1				12	4					



H	K	F	Course	Wind	SW	January 23 <sup>d</sup> Sunday	H	K	F	Course	Wind	SW	Monday January 24 <sup>th</sup> 1820
1	4		S 8 by 8 E	8 by N		Commence with moderate breeze & Cloudy at 5 PM set the Fore Topmast the Sail & main Royal — at 11 furl the light sails a very heavy head sea the ship pitching low under —	1	6	4	S 8 by 8 E	N by E		Commence with fine breeze & weather at 4 PM Cloudy with squally appearance from the Westward took in all the fore sail & the fore sail & Main sail set the Main stay sail —
2	3	5					2	6	6				
3	3	5					3	6	4				
4	2	5					4	5	5				
5	3	5					5	5	5				
6	3			N by E			6	2	5				
7	4						7	5		S 8 by 8 E	N by W		
8	2						8	5	5				
9	2						9	6	5	S 8 by 8 E	N by W		Middle part Dark Squally weather with showers of rain at 2 PM set the Main sail & Main top sail at 5:30 set the Fore top sail & Fore sail at 7:30 a fine breeze from the W set the lower & fore top sails & the sail on the foremast Longitude by Lunar Observation at 4 PM was 23° 24' East Expect it not correct —
10	3			N by W		Middle part pleasant weather & a heavy sea from the Eastward between 4 & 7 set the Larboard studd sail Main Royal Flying jib —	10	5	5				
11	4						11	5	5				
12	5						12	5					
1	4						1	5					
2	5						2	4					
3	4						3	2		S 8 by 8 E			
4	5					Latter part fine breeze & pleasant weather	4	3					
5	6	8		N by E			5	2		S 8 by 8 E			Latter part fine breeze & pleasant weather
6	6	8					6	2					
7	6	8					7	2		East			Latitude by Obs 39° 38' South
8	6	8				Latitude by Obs 40° 11' 2" N	8	2					Longitude by DR 23° 20' East
9	6	8				Longitude by DR 21° 10' 10" E	9	—	5				Dif long — — — 2° 10' —
10	6	8				Dif longitude — — — 2° 24'	10	2		S 8 by 8 E or			Course N 72° E
11	6	8				Variation from meridian at 6 PM was 29° 08' West	11	6	8	S 8 by 8 E	West		Distance 104 Miles
12	6	8				Course S 82° East — — —	12	7	8				Variation 29° Westerly
						Distance 144							



H	K	F	Course	Winds	Set	Remarks	H	K	F	Course	Winds	Set	Remarks
1	7	7	SE by E	SE by E	SE by E	Commenced with fine breeze & pleasing clouds at 1	1	7		SE by E	SE by E	SE by E	Commenced with fine breeze & pleasing clouds at 1
2	7	9				At 1 took in the lower	2	7					Drawing sail set at 4.15
3	7	7				stud sail at 2 took in	3	6					took in the lower stud sail
4	6	5				the top mast stud sail	4	6					
5	7					at 4 strong breeze & fog	5	6					
6	7					took in the top & sail	6	6					
7	7					Double reefed the main	7	6					
8	7					top sail single reefed the	8	5					
9	7					main one at 9 set on	9	5					
10	7					reef from the fore	10	3					
11	7					top sail & set the main	11	2					
12	6					top of sail	12	2					
1	6		SE by E	SE by E	SE by E		1	2					
2	6		SE by E	SE by E	SE by E		2	1					
3	7					Middle part fresh breeze	3	1					
4	6					& cloudy weather between	4	1					
5	7	4				4 & 8 out all reef set	5	1					
6	7	5				the fore top of sail	6	1					
7	7	2				lower & fore topmast	7	1					
8	7	4				stud sail main topmast	8	1					
9	7	5				stay sail set up the	9	1					
10	6	6				main royal yard &	10	1					
11	6	5				set the sail	11	1					
12	7						12	1					
						Latitudes by D R 39.78							Latitudes by D R 39.17
						Longitude by D R 27.13 East							Longitude by D R 28.43 East
						Difference of longitude 3.35							Difference of longitude 1.40 East
						Course East							Course N 60.8 East
						Distance 167 miles							Distance 74 miles
						Variation 29° West only							



H	K	F	Course	Winds	Lat	Thursday January 27 <sup>th</sup>	H	K	F	Course	Winds	Lat	Friday January 28 <sup>th</sup> 1920
1	3	5	S by E 1/2 E	E 1/2 N	40	<p>Commenced with fine breeze &amp; pleasant weather a swell from the west</p>	1	7	5	S by E 1/2 E	E 1/2 N	40	<p>Commenced with pleasant breeze &amp; weather all drawing sail set on a wind at 7 PM took in the Flying jib at 11:30 took in the top gaff sail</p>
2	3	4					2	6	5	SSE	E by N	"	
3	3	5					3	5	5	S by S	E N E	"	
4	4	5					4	5		SSE	N E by E	"	
5	4						5	4	9			"	
6	4						6	5	2			"	
7	4	5	South	E by S			7	5	4			"	
8	3	5	S by E				8	5	5			"	
9	5	5	S S E	E by N			9	7				"	
10	4	5	S by E 1/2 E				10	6				"	
11	4	5				<p>Middle part brisk breeze &amp; cloudy at 1 PM took in the Main royal</p>	11	5		SSE 1/2 E	N E 1/2 N	"	<p>Middle part strong squalls &amp; heavy showers of rain at 1 PM took in the top sails &amp; furl the Flying jib at 2 furl the jib &amp; Main sail set the Main &amp; stay sail set down the Main royal yard between 6 &amp; 8 moderated and became pleasant though some what hazy at all Drawing sail</p>
12	4	5					12	6				"	
1	4		S E 1/2 E	N E 1/2 N			1	6	5			"	
2	4						2	5	5			"	
3	4		SSE				3	5	5			"	
4	4						4	5				"	
5	4		S E 1/2 S				5	4		E by S	N N E	"	
6	5						6	3				"	
7	6		SSE 1/2 S	E N E			7	3		ESE		"	
8	6						8	3				"	
9	6	2	S by E 1/2 E			Latitude by D.R. 40.20 S	9	3		ESE	N N W	"	<p>Latitude by Obs 40.34 South Longitude by D.R. 32.57 East Diff longitude 2.26 Course S S E East Distance 114 miles Variation 30° West only</p>
10	5	4				Longitude by D.R. 30.51 East	10	3				"	
11	5					Diff longitude 1.48	11	4	5			"	
12	5					Course S 42 E Distance 110 miles Variation 29° West only	12	4	5			"	



H	K	F	Course	Winds	SW	Saturday January 29 <sup>th</sup> 1820
1	4		ESE	NW by W		Common with pleasant breeze & weather heavy from the N East at 4 PM set the lower third sail and the Main Royal yard aloft & set the sail at 8 took in the third sail & Main Royal found the day sail squally looking weather
2	5					
3	5	2	Ely S			
4	6	7				
5	7					
6	7					
7	7					
8	6					
9	7					
10	5	9				
11	6	8				
12	7					
1	7					at 12 AM found the Main sail at 13 found the Main top of sail at 4 set the Main sail & day sail
2	8	5				
3	7					
4	8	3				
5	8	8				
6	8	8				
7	7					
8	5					
9	7					
10	7					
11	7		ESE			
12	6					

H	K	F	Course	Winds	SW	Sunday January 30 <sup>th</sup> 1820
1	7		ESE	SE West		Common with gentle breeze & cloudy at 10.30 set the fore top of sail let the reef out of the fore sail
2	6	5				
3	6	5	E by S 1/2 S	S by W		
4	6					
5	6		E by S	South		
6	5		E 1/2 S	S 1/2 E		
7	5		E 1/2 N			
8	5	9	E by N	SE E		
9	5	8	E by N 1/2 N			
10	4	9				
11	4	5	E N E	SE by S		
12	5		N E by E 1/2 E			
1	5		N E 1/2 E			
2	5					
3	3	3	N E 1/2 N			
4	2	8	South			
5	2	8	SSE 1/2 W			
6	3					
7	4		SSE W	SE 1/2 E		
8	3	5				
9	3		S by W 1/2 W			
10	5		S by E			
11	4	5	S by E 1/2 E			
12	5					

Middle part fine breeze & cloudy a heavy swell from the S West at 3 AM hauled to the Southward  
  
 Latter part fine breeze & cloudy  
  
 Latitude by Obs 38.58  
 Longitude by DR 37.32 E  
 Diff Longitude 1.19  
 Course N 16 E  
 Distance 110 miles  
 Variation 29° Westerly  
 This day Work don't Work with in 26 miles not another enough by the Course



H	K	F	Course	Wind	Remarks	H	K	F	Course	Wind	Remarks
Monday January 1 <sup>st</sup> 1824						Tuesday February 1 <sup>st</sup> 1824					
1	4	8	SS E	E by N	5	1	2	5	SS E	N West	Commanus with moderate
2	4	6	SE 1/2 S			2	3	5			courses & pleasant weather
3	5	2	SE by S			3	3	5			at 2 PM set the lower &
4	4	5	SE 1/2 S	ENE		4	4				fore topmast & top sails
5	4	4				5	3				heavy head dis. against
6	4	4				5	3				sea between 6 & 7 on last the
7	4		SE by S			5	3				fore top sail and last the
8	4					7	2				last one at 7 took in the
9	4		SE by S 1/2 S			8	3	7	SE by S 1/2 E	WNW	stud sails furled the try sail
10	3		SE 1/2 S			9	2	6			
11	4		SE by S	NE by E		10	2				Middle part light courses &
12	4					11	3				a head sea Cloudy weather
1	4	5	SE 1/2 E			12	2				at 2 A.M. on last the Main
2	5	2	SE by S			1	3				top sail & last the last one
3	4	2	SE by S 1/2 E			2	2				at 3 set the try sail gill
4	4	4	SE E	North		3	2				Main sail & fore top & sail
5	4	4				4	2				Main Royal
6	4					5	4				
7	5					6	3	6			
8	5					7	3	9			
9	4					8	3	5			
10	4					9	5	5			
11	4	2				10	7		SE E	SSW	
12	5	5				11	6				
						12	5				
<p>Commanus with moderate  bursts &amp; Cloudy weather  at 9.30 furled the fore top  gt sail a heavy head  sea</p> <p>Mid night squally with  showers of rain furled  the Main top &amp; sail  Double reefed the top sail  &amp; try sail</p> <p>Latitude by Obs 39.47 S  Latitude by D R 39.30 S  Longitude by D R 39.32 East  Diff Longitude — 2.00  Course S 85. East  Distance 104 miles  Variation 28° Westward</p>						<p>Commanus with moderate  bursts &amp; pleasant weather  at 2 PM set the lower &amp;  fore topmast &amp; top sails  heavy head dis. against  sea between 6 &amp; 7 on last the  fore top sail and last the  last one at 7 took in the  stud sails furled the try sail</p> <p>Middle part light courses &amp;  a head sea Cloudy weather  at 2 A.M. on last the Main  top sail &amp; last the last one  at 3 set the try sail gill  Main sail &amp; fore top &amp; sail  Main Royal</p> <p>Latitude by Obs 38.51 South  Latitude by D R 39.65  Longitude by D R 41.18 East  Diff Longitude — 1.45 East  Course N 50 East  Distance 99 miles  Variation 27° Westward</p>					



H	K	F	Course	Winds	Time	Thursday February 2 <sup>d</sup> 1820	H	K	F	Course	Winds	Time	Thursday February 3 <sup>d</sup> 1820
1	5	7	SE by E	SE by N			1	3		SE by E	SE by N		
2	5	7				Com on in with fine breeze	2	4	5				Com on in with moderate breeze
3	5	8		SE by N		& Cloudy Weather smooth					SE by S		& pleasant weather between 2 & 4
4	5	2				sea at 1.30 set the top	3	4					at 10 set the lower from top
5	5					& two sails at 8 In all the	4	4	2		SE by N		mast & top of studding sails
6	5	8		SE by S		sails & braced & haul on a	5	6	3				
7	5	7				line	6	4	8		SE by N		
8	5	3		SE by N			7	5					Midnight moderate breeze
9	3		SE by N	SE by N			8	4					& very pleasant smooth sea
10	3						9	4	5		SE by S		
11	4		SE by S			Middle part fine breeze	10	4	5				
12	4		SE by E			& Cloudy weather	11	4					
1	3	5	SE by E			took in the main Mast	12	5		Do			Let the part fine breeze & fresh
2	4	8	SE by E			at 4 furl. & again	1	4					Crews sent up the fore
3	5	4					2	5					Royal Mast & sail set at
4	5						3	5					the Mast & employed the
5	5						4	5					old sails
6	6						5	5					
7	5	6				Let the part moderate breeze	6	5	5		SE by N		
8	5	2				& pleasant weather	7	5	5				Latitude by D R 38° 37'
9	5	9				the Mast & employed the	8	5	5				Latitude by D R 38° 57'
10	5	5				old sails	9	5	5				Longitude by D R 46° 22' East
11	4					Latitude by Obs 38° 13'	10	6					Longitude by D R 46° 32' East
12	3	2				Latitude by Obs 38° 45'	11	6					Difference longitude --- 2° 32' East
						Longitude by D R 43° 51' East	12	6	5				Course N 87° East
						Difference longitude --- 2° 32' East							Distance 119 miles
						Course N 86° East							Variation 47° Westerly
						Distance 112 miles							
						Variation 47° Westerly							



H	K	F	Courses	Winds	W	Friday February 4 <sup>th</sup> 1820	H	K	F	Courses	Winds	W	Saturday February 5 <sup>th</sup> 1820
1	0		SE by E	S West		Commenced with fine breeze & pleasant weather at 4.30 Squally appearance took in the top of the Stud Sails Royals & Main top mast stay sail at 9 found the main sail & Flying Jib nearly taken with shower of rain	1	2		SE East	SE by E		Commenced with light breeze & pleasant weather at 3 PM set the fore top mast & top of the Stud sails
2	0						2	2					
3	5		SE East				3	3					
4	4						4	3					
5	2		SE S				5	2	5		WNE		Midnight light variable Winds & shaping clouds
6	1		SE S				6	2	5				at 1 AM set the Starboard main top mast stay sail
7	1		SE by E	SE W			7	2	7				at 3 set the lower & top Stud sails at 4.30 saw a large ship standing to the South of Eastward at 7.30 set the Main top mast stay sail
8			SE S				8	3	3		West		
9			SE by E	S West			9	2			WNE		
10	1						10	3					
11	1					Midnight light variable in shaping clouds at 1 AM set the Royals Flying Jib bottom & top squally variable with shower of rain	11	2		SE by S	WNE		
12	1						12	3	5				
1	2						1	2	5				
2	2						2	2					
3	2						3	3					Letter sent gentle breeze & pleasant weather employed Repairing old sails
4			SE by N	South			4	4					
5	1		5				5	5					
6	1		SE East			Letter sent light wind & fair weather the Watch employed ships Duty	6	5	5				
7	2		SE S				7	5	4				Latitude by Obs 38.38 S
8	2		SE by E	E. SE			8	5	5				Latitude by DR 38.35 S
9	2		SE S				9	5	5				Longitude by DR 48.57 East
10	2		SE E	WNE			10	5	5	SE East	SE by E		Dif longitude 1.39 L
11	1		SE East	NE by E		Latitude by Obs 38.01 S Latitude by DR 38.40 S Longitude by DR 47.18 East Dif longitude 0.57 Course N 52° East Distance 50 miles Variation 20° West by	11	5	2				Course S 54° East Distance 85 miles Variation 20° West by
12	2						12	5					



H K F			Course	Wind	Day	H K F	H K F			Course	Wind	Day
1	5	5	S East	N S W	Sunday February 6 <sup>th</sup> 1890	1	8			S by E	N W by W	Monday February 7 <sup>th</sup> 1890
2	4	5				2	8					
3	4	9			Commenced with moderate	3	8	2				Commenced with fine breeze
4	4	5			6 vessels & sailing clouds	4	8	3				& pleasant weather at 5
5	3	5			at 4 PM took in the	5	8	4				took in the Main Mast
6	2	8		S West	lower & fore top mast	6	8					Lower top of Stud sail
7	2	5			Stud sail at 11 set the	7	8					at 8 took in the Main
8	3			W by S	lower Stud sail	8	8	3				top mast & Main top of
9	3					9	8	2				Stud sail
10	2					10	8	4				
11	3			West	Middle part moderate	11	8	5				Middle part squally with
12	3				breezes & clouds at	12	8					showers of rain in
1	3	5			9 AM set the fore	1	7	2				all Stud sail. I found the
2	4	5		N N W	top mast & Main top	2	7	3				flying jib at 5 took
3	5	5			of Stud sail at 10 set	3	7					in the Main top of sail
4	5	8			the Larboard lower Stud	4	7					at 8 set the top of sail
5	8	8			Sail	5	7					Fore top mast Stud sail
6	8					6	7	5				at 7 set the lower do
7	8				Latter part fine breeze	7	7					
8	8				& pleasant weather	8	7					Latter part fine breeze
9	8	2	S by E	N W by W		9	7					& pleasant weather
10	8	3				10	7					Latitude by Obs 38° 51' 8"
11	8	2			Latitude by Obs 38° 54' 51"	11	7					Latitude by DR 39° 23'
12	8	3			Longitude by Obs 56° 15' 8"	12	7					Longitude by Obs 59° 21'
					Longitude by DR 57° 15' 2"							Longitude by DR 54° 41'
					Latitude by DR 39° 09'							Difflong 7° 20'
					Difflongitude 3° 26'							Course S by E
					Course S by E							Distance 182 miles
					Distance 112 miles							Variation 25° Westward
					Variation 26° Westward							

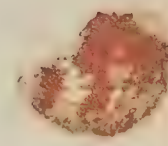
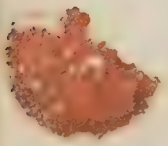


[illegible]



H	K	F	Courses	Winds	LN	Thursday February 10 <sup>th</sup>	H	K	F	Courses	Winds	LN	Friday February 11 <sup>th</sup> 1890
1	8	5	SE by E	W by S		Commenced with fine breeze & cloudy weather at 1.30 PM set the lower	1	7		SE by E	NW by W		Commenced with moderate breeze & pleasant weather at 4.30 set the fore sail
2	8	5				1 <sup>st</sup> sail at 4.00 set up the	2	6	8				
3	8	5				Main royal yard set the	3	5	2				
4	5	5				Sail at 9.30 set the	4	6	8				
5	5	5				Main top set 1 <sup>st</sup> sail	5	6	9				
6	5	5					6	6			NW by W		Midnight fresh breeze & cloudy squally weather took in the
7	5	5					7	6					light sails. Small showers of rain at 7.30 set all
8	5						8	6	5				Sail pleasant weather
9	5	5					9	6	9				
10	5	5					10	7	5				
11	5	5					11	7	7				
12	5						12	7	5	SE			
1	5						1	6	5		NW		
2	4	8					2	6	5		NW by N		
3	4	8					3	7					
4	5						4	7	5		NW		
5	5						5	7	5				
6	5						6	7	5				
7	5						7	7	5				
8	5						8	7	5				
9	5	5					9	7	5				
10	5	2					10	6	5				
11	5	2					11	6	5				
12	5						12	6	5				







[illegible]



H	K	F	Course	Winds	Monday February 14 <sup>th</sup> 1820
1	6	5	E by S $\frac{1}{2}$ S	N N W	
2	7	5			Commenced with fine breeze
3	7		E by S $\frac{1}{2}$ S		& cloudy at 6-45 squally
4	7				appearances from the South
5	7			N West	& Eastward took in the light
6	6	4			sails found the try sail at
7	5	8			9-30 the wind hauled to the
8	4	5			S & Westward with small rain
9	4	5		N by S	set the Main sail jib & fore
10	4	5		S E West	try sail —
11	3				
12	1				Mid night nearly calm
1	1			S by W	& cloudy at 5-45 set
2	3				the Royals & flying jib
3	2				fore top mast & main top
4	1				of studd sails at 11 set the
5	2				lower studd sail —
6	2			S S W	
7	3				Latter part light breeze
8	3	5			& pleasant weather —
9	2	5			
10	2			S West	
11	2				
12	1				Latitude by Obs 38° 54' Lat
					Latitude by D R 38° 52' S
					Longitude In — 81° 06'
					Difference — 1° 54'
					S 84 East —
					Distance 89 miles —
					Variation 20° West only

H	K	F	Course	Winds	Tuesday February 15 <sup>th</sup> 1820
1	1		E $\frac{1}{2}$ S	S West	
2	2				Commenced with light
3	1	7			breeze & pleasant weather
4	5	5		N West	at 2 PM took in the
5	5				fore top mast & studd sail
6	5				Lower do between 3 & 4
7	5		E $\frac{1}{2}$ N	N N W	set the lowermost lower jib
8	4				top mast and Main top
9	4		E $\frac{1}{2}$ S		studd sails at 6 set the flying
10	5	3			jib & try sail —
11	3	5			
12	3	2			Midnight moderate & cloudy
1	3	5			at 3-30 squally appearances
2	4	5			took in the lower studd sail
3	7				Royals & flying jib —
4	7				at 6 set them again —
5	7	8			
6	7	8			Latter part fine breeze
7	7	5			& pleasant weather —
8	7	5			
9	7	5			Latitude by Obs 38° 30'
10	7	5			Latitude by Obs 38° 18'
11	7	8			Longitude In — 83° 46'
12	7	8			Difference — 2° 38'
					Course S 84 East
					Distance 89 miles —
					Variation 20° West only



H	K	F	Courses	Winds	Day	H	K	F	Courses	Winds	Day
1	7	7	8 1/2 S	NNW	Wednesday February 16th	1	5		8 by N 3/4 N	NNW	Thursday February 17th
2	7	5				2	5				
3	8		8 3/4 S			3	6	5			
4	8					4	6	3	SW by W		
5	8	3				5	5				
6	8	5				6	5				
7	8	1				7	5				
8	8					8	6	8			
9	8					9	4	5			
10	8	6				10	4	8			
11	8	5				11	6	8			
12	8	5				12	6	5			
1	8	5				1	7				
2	8					2	7		SW by S		
3	8					3	7				
4	8					4	6		SSW		
5	7					5	7				
6	7					6	6	2			
7	6					7	6	5			
8	6					8	6	7			
9	6	8	8 1/2 N	NNW		9	7				
10	6	5				10	7				
11	7					11	7				
12	7					12	7				



[illegible]



H K F				H K F			
Course				Course			
Winds				Winds			
LW				LW			
Sunday 20 <sup>th</sup> 1820				Monday February 21 <sup>st</sup> 1820			
1	3	6	2 1/2 N 1/2 E	1	1	5	N 8 1/2 E
2	3	7	N 1/2 W	2	1	5	S West
3	3	2	N 8 1/2 E	3	1	5	
4	3		N 1/2 W	4	2	5	
5	4		N West	5	2		Sly W
6	3	5		6	3		
7	3	5		7	3		Sly E
8	4		N 8 1/2 E	8	3		S E
9	4		W 1/2 N	9	3		S 8 1/2 E
10	3	8		10	2		
11	3		N S W	11	2		
12	3			12	2		
1	2			1	5		N 8 1/2 N
2	3		S West	2	5		
3	3			3	5		N 8 3/4 N
4	3			4	6		
5	3			5	5		N N 8 1/2 E
6	3			6	5		
7	3			7	6		N 8 1/2 N
8	3			8	6		N 8 3/4 N
9	2	5		9	6		N 8 1/2 N
10	2	5		10	5	5	N 8 1/2 N
11	1	5		11	5	5	N 8 1/2 N
12	1	5		12	5		N 8 3/4 N
<p>Commenced with light light winds &amp; smooth sea pleasant weather at 4 set the fore top &amp; main top of stud sails at 6 set the lower &amp; fore top of stud sails</p> <p>Middle part moderate breeze &amp; pleasant weather at 7 A.M. set the studding sails for the fore sail</p> <p>Latter part light air &amp; pleasant weather</p> <p>Latitude by Obs 33.24.5 Latitude by DR 33.29 Longitude by Obs 92.20 E Longitude by DR 93.33 Difference - 58 Course N 8 1/2 E Distance 71 miles Variation 14° West</p>				<p>Commenced with light winds &amp; pleasant weather at 5.30 took in the lower stud sails &amp; set the fore sail</p> <p>Midnight gentle breeze &amp; passing clouds at 7 A.M. took in the stud sails</p> <p>Latter part pleasant breeze &amp; weather The watch employed Ship's Duty</p> <p>Latitude by Obs 31.52 Latitude by DR 32.02 Longitude by Obs 94.21 E Difference - 48 Course N 77 E Distance 92 miles Variation 12° West</p>			



H	K	F	Course	Winds	Monday February 22 <sup>d</sup> 1870
1	4		N 8 1/2 E	2 E E	
2	4		N 8 1/2 E	2 E by E	Com on in with fine
3	3				breeze & weather all
4	3	6			drawings sail set on a
5	4	5	N 8 3/4 E		Wind
6	4	5			
7	5				
8	5	5			
9	5	5			Middle part gentle breeze
10	5	8			& rising clouds took
11	5	7	N 8 by N 1/2 N		on the Royals & Flying
12	5	8	N N E		Jib at 4 set them
1	5		N 8 1/2 E		again at 10 A.M. saw
2	4		N 8 1/2 E		a ship standing to
3	4		N 8 1/2 E		the N & Eastward
4	3				
5	3		N 8 3/4 E		Latter part pleasant
6	3		N 8 by N 1/2 N		breeze & weather fine
7	3		N 8 1/2 E		Watch & temp logd
8	3		N 8 by E 1/2 E		Partly
9	3				Latitude 30.27 South
10	3	8	N 8 3/4 E		Latitude L R 30.30 W
11	3	5			Longitude In 95.11 East
12	3	5			Difference 50 mi
					Variation per Azims
					11° West
					Course N 20 East
					Distance 94 miles

H	K	F	Course	Winds	Tuesday February 23 <sup>d</sup> 1870
1	4	3	N 8 1/2 E	2 E by E	
2	5	1		2 East	Com on in with fine
3	4	8			breeze & pleasant weather
4	4	8	N 8 3/4 E		at 2 P.M. set the fore
5	4	8			topmast studd sail at 3 took
6	4	8			up in again at 8.15 took in
7	4	8			the Royals & Flying Jib
8	5	8			
9	6	5			Mid night brisk breeze &
10	6	8			ground swell of swell from the
11	6	8			Eastward took in the fore
12	6	5			topmast sail at 3.15 set it
1	6	5			again at 9 set the Royals
2	6				Flying Jib Main topmast
3	6				stay sail & fore topmast
4	6				sail studd
5	6				
6	5				Latter part moderate wind
7	2				from what Cloudy
8	3	8			the Watch & temp logd
9	2	3			Latitude by M 29.00 South
10	3	2			Latitude by D R 28.58 South
11	3	6			Longitude In 95.49 East
12	3	5			Difference 1.39 East
					Variation per
					8.15 in the 9.00 in the
					Course N 44 East
					Distance 122 miles



H	K	F	Courier	Winds	Day
1	5		N E ¾ E	E East	Thursday February 24 <sup>th</sup>
2	5				
3	6	5			
4	5	8	N E ¼ E		
5	5	8			
6	5	1			
7	5	9			
8	5	8			
9	6	6			
10	6	4			
11	6	2			
12	6	8			
1	6	5	Don	Don	
2	6	5			
3	6	8			
4	6	8			
5	6	8			
6	6	8			
7	6	6			
8	6	5			
9	3	8			
10	5	8			
11	5	8			
12	5	8			

Commences with brown  
pleasant weather at  
2 Hook in the Royals

Midnight with brown  
cloudy at 2 found  
the fore top g't sail  
at 3 found the Main do  
at 6 set the top g't sails

Latter part strong  
breeze and rising clouds  
The water comp'd  
Ship's Duty

Latitude by Obs 27° 11' Lat  
Longitude by DR 27° 08' Lat  
Longitude 98° 38' East  
Difference 1° 49'

Course N 40 E East  
Distance 147 miles  
Variation per Arctica  
Westwardly

1 6 5 N E ½ E E East  
2 6 8 N E east R by E  
3 5 5  
4 6  
5 6  
6 6 2  
7 6 8  
8 6 2 N E ½ E  
9 6 --- N E ½ N  
10 5 N N E ½ E  
11 5 N E by N  
12 6  
1 6  
2 7  
3 7 N E ½ E  
4 6  
5 6 5 N E ½ N  
6 6 5 N N E ½ E  
7 6 9  
8 6 8  
9 5 5  
10 5 2 N E by N  
11 5 5  
12 5 5

Friday February 25<sup>th</sup> 1890

Commences with fresh breeze  
rising clouds at 4  
PM Slight mist - the  
top sails at 4.30 took in  
the top g't sails at 5 sent  
down the Royal yards

Middle part with brown  
rising clouds at 7 set  
the Main top g't sail at 10  
found it again

Latter part fresh breeze  
rising clouds The water  
comp'd Repairing the  
Main top g't sail

Latitude by Obs 25° 11' Lat  
Longitude by DR 25° 11' Lat  
Longitude in 100° 12' East  
Difference 1° 34' East  
Course N 74 East  
Distance 147 miles  
Variation per Arctica







H	K	F	Course	Winds	PM	Monday February 28 <sup>th</sup> 1870	H	K	F	Course	Winds	PM	Tuesday February 29 <sup>th</sup> 1870
1	7		N by E 1/2 E	SE		Commence with bird	1	7		N by E 1/2 E	SE		Commence with bird
2	8					lower as I suppose clouds	2	6	5	N by E 1/2 E	SE		pleasant weather at 2.30
3	8					at 11.30 set the lower	3	6	2				set the flying jib main
4	8					stud sail	4	6	9				top of stud sail set up
5	7	5					5	7					the main royal yard &
6	7	5					6	7	5				set the sail
7	7	9					7	7	9				We have found a distinctly
8	8	5					8	7					current near the house
9	7					Middle part fresh breeze	9	6					had the tides by the
10	7	8				& Cloudy weather	10	6					Cronometric from 18 miles
11	7	8					11	6	5				to 8 in 24 hours
12	7	5	Do -	Do -			12	5					at 4 took in the main top
1	7	5					1	6					of stud sail at 6 took in
2	7	5				Latent part fine breeze	2	6					the lower stud sail
3	7	5				& pleasant weather	3	6		NNE	SE		Middle part fine breeze
4	7	8				all hands employed	4	5					& weather at 8 took in
5	7	8				getting the anchors on	5	5					the lower & main top of
6	7					the bows	6	4					stud sails
7	7					Latitude by Obs 17.58	7	4					Latitude by Obs 15.41
8	7	5				Latitude by DR 17.55	8	5					Latitude by DR 15.34
9	7	5				Longitude by 2-103.36	9	5					Longitude by 104.11
10	7	2				Difference - 44	10	7	2				Difference 35
11	7	5				Course N 13 E	11	7	5				Course N 13 E
12	7					Distance 182 miles	12	7	4				Distance 149 miles
1						Variation 4 West							Variation for Azimuth
						by Azimuth							2 West



H K F			Cause	Winds	At	Thursday March 1 <sup>st</sup> 1820
1	8	9	NNE	SE		Commence with breeze & pleasant weather at 4 find the Main to forest stay late at 9 took in the Stud sail & main Royal find the Stud sail nearly down & a heavy swell from the Westward
2	7	3				
3	6	8	NNE			
4	6	8				
5	5	5				
6	4	5				
7	3	2				
8	2	2				
9	1					
10	1		North	South		
11	1		NNE	NW		Middle part moderate breeze & pleasant at 12.30 at all drawing sail on a Wind at 8.15 Tack to the Westward
12	3					
1	3	5				
2	3					
3	4					
4	3		NNE			
5	3		NNE	NW		
6	4	5				Let the part by light winds & pleasant weather beginning to shift the top sails & the
7	3					
8	3		NNE			
9	3					
10	2	8	NNE			Latitude by Obs 14.33 South
11	2	8				Latitude by D R 14.36
12	2	5				Longitude 104.27 East
						Difference 16
						Cause NNE
						Distance 57 miles
						Variation from Azimuth 1° West
H K F			Cause	Winds	At	Thursday March 2 <sup>nd</sup> 1820
1	4		NNE	NW		Commence with light winds & pleasant weather at 8 PM Tack to the East at 9 rather squally with showers of rain find the Main Royal
2	3					
3	3					
4	1	5				
5	2	5				
6	3	5				
7	4		NNE			
8	3	5				
9	2	5	NNE			Mid night light winds & pleasant weather at the Main Royal at 8.15 set the lower fore top mast fore & main top of the Stud sails but the old fore sail
10	2	5				
11	1	5				
12	2					
1	3	5	NNE	North		
2	3	5	NNE			
3	2		NNE			
4	2		NNE	NNE		
5	2					Let the part moderate breeze & squally looking weather
6	1		NNE			
7	1					
8	1		NNE	NNE		No Observation
9	2		North	NNE		Latitude by D R 14.09 S
10	3	5				Longitude 104.00 E
11	3	5				Difference 21
12	3	5				Cause NNE
						Distance 53 miles
						Variation 0



Hour	Lat	Long	Course	Wind	Day
1	3		North	SEW	Friday March 3 <sup>rd</sup> 1820
2	3	5			
3	4				
4	4	8			
5	5	3	110W		
6	4	8			
7	4	4			
8	5	5			
9	5	5	1 1/2 W	W by S	
10	5				
11	5				
12	5				
1	4	5			
2	4	5			
3	3	5			
4	4	5			
5	5		North		
6	5		N 1/2 W	W 1/2 N	
7	4				
8	4	5			
9	4	8	WSW		
10	3	8			
11	3	8			
12	3	8			
<p>Common with moderate breezes &amp; squally looking Weather at 1 took in the Main Royal lower &amp; fore topmast stay sail at 3 set them again</p> <p>Middle part moderate breeze &amp; cloudy at 1 took in the lower &amp; topmast stay sails at 3.30 took in the fore topmast stay sail &amp; Main topmast stay sail</p> <p>Bottom part moderate breezes &amp; cloudy weather (the watch employed) Ship's Duty</p> <p>Latitude by Obs 12.35 S.</p> <p>Latitude by D R</p> <p>Longitude by</p> <p>Difference</p> <p>Course</p> <p>Distance</p> <p>Variation</p>					

Hour	Lat	Long	Course	Wind	Day
1	4	7	N 1/2 W	West	Saturday March 4 <sup>th</sup> 1820
2	4				
3	3				
4	2	5			
5	2	5			
6	3	5			
7	4			W by S	
8	5		N by W		
9	5		N 1/2 W		
10	4		N by W		
11	4				
12	4		N 1/2 W		
1	5		N by W		
2	5		N 1/2 W		
3	4		N by W	West	
4	5		N by S		
5	3		North		
6	4		N by W		
7	3	2	N 1/2 W		
8	4	5			
9	4	2	North		
10	4		N 1/2 W		
11	3		N by E		
12	2		N by W		
<p>Common with moderate breezes &amp; cloudy weather at 5 set the fore topmast &amp; Main topmast stay sail at 7.45 took them in again at 10 took in the Royal Main topmast stay sail &amp; Flying jib</p> <p>Middle part cloudy at 1 took in the fore topmast stay sail squally with showers of rain at 9 found the Main to haul up the Main sail strong squally with heavy showers of rain double reef the top sail &amp; topmast found the jib not down the Royal yards &amp; fore Royal mast</p> <p>Bottom part strong breeze &amp; heavy weather the watch employed Ship's Duty</p> <p>No observation Latitude by D R</p> <p>Longitude</p> <p>Course</p> <p>Distance</p> <p>Variation</p>					



H	K	F	Course	Winds	M	Monday March 5 <sup>th</sup> 1820	H	K	F	Course	Winds	M	Monday March 6 <sup>th</sup> 1820
1	2	5	N $\frac{1}{2}$ E	WNW	5	Commenced with moderate breeze & squally looking weather at 1 PM set down the fore & main mast out the fore & main between 1030 and 4030 set all up & set the top & sail	1	3	N by E	WNW	5	Commenced with moderate breeze & squally looking weather with rain found the main top & sail single mast the top sail split the jib between 8 & 11 set the top & sail	
2	3	5	N by E				2	3	N $\frac{1}{2}$ E				
3	3		N by W	West			3	3	N $\frac{1}{2}$ W				
4	3		North				4	2	N by W				
5	3		N $\frac{1}{2}$ E				5	2	N $\frac{1}{2}$ E				
6	3	2	N by E				6	2	5 NNE				
7	1	5	North	W by N			7	4	5 North	NW by W			
8	1	5	N by E	WNW			8	4	N $\frac{1}{2}$ E				
9	2	5	N by E				9	3	5				
10	3	7	NNE $\frac{1}{2}$ E	NW by N			10	3	5				
11	2	5	N by E $\frac{1}{2}$ E				11	2	5 N by E $\frac{1}{2}$ E				Middle part moderate breeze & cloudy weather at 3 found the fore top & sail at 5 set it again
12	4	5	NNE				12	3					
1	3	5	NNE			1	4						
2	3					2	5	N $\frac{1}{2}$ E					
3	3		N by E $\frac{1}{2}$ E			3	5	5 North	W by N	5			
4	5					4	4	5					
5	5		North			5	3	5					
6	5		N by E			6	3						
7	4	5				7	4						
8	4	5	North	W by N		8	4	5					
9	5	8	North			9	4	5					
10	3	9				10	4	N by E					
11	3	5	N $\frac{1}{2}$ E			11	4	6 N by E $\frac{1}{2}$ E					
12	3	5				12	4						
Latitude by Obs 9 $\frac{1}{2}$ 9 $\frac{1}{2}$ South Latitude by DR Longitude in Course Distance Dip lat Variation 2 Easting The Chronometer has showed but very little error this 6 days back							Latitude by Obs 8.25 South Latitude by DR Longitude in Distance Variation 3 Easting						



Remarks on Tuesday March 7<sup>th</sup> 1820

Commenced with fine breeze from the NW  
& cloudy weather at 1 AM at the Flying Jib  
lightning from the N<sup>W</sup> & East Midnight  
at 7 AM squally with showers of rain  
furl the light sails at 8 set them again  
at 10.45 Tack to the Southward  
Latter part moderate breeze at MR saw the  
Island of Java bearing from N 8 1/2 N to N 8 1/2 E  
our compass 36 miles distance

Latitude by Ordinary Observation 7.10 20


Remarks on Wednesday March 8<sup>th</sup> 1820

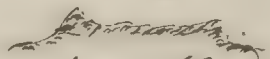
Commenced with moderate breeze & cloudy then  
at 5 PM Java bore from N 8 by E to N 8 1/2 E  
from 7 PM to 4 AM nearly calm with shower  
of rain latter part light winds & hazy  
weather the Watch employed ships duty  
MR Java Head bore N 8 by E 3/4 E Peak on Pinus  
Island N 8 3/4 N 30 miles distance The Island appears  
like three Islands this distance Pinus

Latitude by Ordinary Observation 8.59 South  
The Wind from N to West through the 24 hours

appearance  
of

appearance  
of

 Pinus Island coming  
from the S<sup>W</sup> Westward  
the Island bearing N 8 by E  
30 miles distance

 Java Head  
N 8 by E 1/2 E 25 miles distance

0 days from 1st observation made  
the land

Remarks on Thursday March 9<sup>th</sup> 1820

Commenced with light winds & hazy weather  
at 6 PM Java Head bore S 8 3/4 E East hinder  
6 1/2 N Pinus Island N 8 1/2 E

Midnight pleasant breeze & smooth sea sharp lightning  
from the Sumatra side at 1 AM haul up the  
courses furl the Jib & Tug sail heavy rain with  
thunder & lightning at 4 AM the Peak on Croacatoa  
bore N 8 1/2 N at Day light set all Drying sail  
Latter part very light air & hazy weather  
at MR Peak on Croacatoa bore N W by 1/2 W Tamarind  
Island N by W 1/2 W Thwart the Way N 8 1/2 N

Latitude observed by good Observation 8.15 South  
Judge the Peak on Croacatoa 8 miles distance  
which makes it on the Chart 6 miles out the way  
the Wind from West to N West & N East

Remarks on Friday March 10<sup>th</sup> 1820

Moderate breeze & hazy weather at 6 PM Java  
Head bore ~~S 8 3/4 E~~ <sup>N 8 3/4 E</sup> Cloudy with showers of rain  
at 1 set the fore topmast & main topmast and sail  
at 7 PM came to with the small bower in 27 fathoms  
muddy bottom on the Java side Java bearing N 8 by E 1/2 E  
& S by E 1/2 E Current setting to the N & Eastward  
Middle part pleasant till 2 AM with gentle breeze  
from the S<sup>W</sup> Westward then squally with rain  
at 6 AM got underway with a light breeze from the  
Westward

Latter part pleasant till 8 weather running in from  
Anger Roads



Saturday March 11<sup>th</sup> 1820

Clear weather & smooth running in for day  
Road at 2.30 came to & moved ship with the  
small lower & cage 13 fathoms muddy bottom  
Cap bearing NNW & T. lay staff East Thwart the  
Way NNW  $\frac{1}{2}$  W to NN  $\frac{1}{2}$  N Anger Point SSW  
Bottom N 7 East

Clear weather & light air through the  
Night & Day light not all the early morning  
Calm on shore in a muley boat at 11 AM  
the water came along side

Later part light air & cloudy with small  
showers of rain all hands employed stowing  
water

Sunday March 12<sup>th</sup> 1820

Clear morning with gentle breeze from the NW  
& pleasant weather lying at anchor in Anger  
bay at 4 AM finished stowing the Dutch Ship &  
shard the Dutch at 9 AM calm & continues so  
through the Night

Later part calm the current setting down the  
straits

Monday March 13<sup>th</sup> 1820

Clear morning with light air from the S. Weather  
at 2 PM a Dutch Ship from Batavia came to the  
Cap. Shrove went on board and got supplied with a  
bucket of shot at 2.30 sprung up a fine lower  
from the Westward hove up the small lower and  
after heaving a haul on the case parted the hauler  
saw it to have been foul of a wreck said to have  
been sunk in this bay at 8 PM the bottom bore  
W by N  $\frac{1}{2}$  N  $\frac{1}{2}$  mile Distance Mid night light air from  
the N West & Cloudy at 4 AM sound down 20 fathoms  
at 5 AM 15 fathoms at 6 the two brothers in 12 fathoms  
bearing North at 8 AM Tackled to the Westward  
Later part light breeze & pleasant weather  
at 12 M the Island off Trag Point S  $\frac{1}{2}$  S  
Extreme part of Java by S  $\frac{1}{2}$  E Lat Obs 5° 33' South

Tuesday March 14<sup>th</sup> 1820

Clear morning with light breeze from the Northward  
and pleasant weather at 2.45 PM Tackled to the  
S  $\frac{1}{2}$  Eastward at 2.30 a breeze from the S East  
at 4 North Island bore SSW  $\frac{1}{2}$  W 7 or 8 miles distance  
at 5 PM calm the current setting to the South  
Came too with the small lower in 10 fathoms  
soft mud North Island bore SSW  $\frac{1}{2}$  W. Northern part  
of Sumatra in sight N by West

Middle part moderate breeze from the Westward  
& Cloudy at 4 AM got under way with the wind  
N West at 10.30 Tackled to the SSW brother bearing  
N by E 3 miles Distance

Later part light air & Bary weather at 10 PM  
Tackled to the N Eastward in 7 fathoms brother  
NNW  $\frac{1}{2}$  E High Tophen Island S by S  $\frac{1}{2}$  E Extreme  
part of Java in sight S by East

Latitude by Obs 5° 19' South

Remarks on Wednesday March 15<sup>th</sup> 1820

Clear morning with light breeze from the NW  
& pleasant weather at 1.45 nearly calm  
the current setting down the straits came  
too with the small lower in 9 fathoms  
further part of Sumatra in sight NNW  
light breeze & heavy showers of rain  
thunder lightning & heavy thunder at 6

At 8 AM got under way a light breeze from  
the N Westward at 7 Calm till 11.45 then  
a light breeze from the S Eastward

Bary weather at 10 PM ~~North Island~~ North  
Distance about 15 miles North brother bore as above

Latitude by Obs under way 5° 14' South



Remarks on Thursday March 16<sup>th</sup> 1820.

Commenced with light breeze from the S, Eastward & pleasant weather at 2.45 passed within a mile to the Westward of the Brothers in Sound from 13 to 10 1/2 fathoms at 4 PM the North brother bore S. W 3 miles at 4.15 set the fore topmast & Main topmast studd sails at 10 took them in again equally appeared at 10.30 the wind shifted to W by N for all light sails haul up the Main sail from 12 to 4 AM Calm dark cloudy weather sharp lightning & heavy thunder & much Rain —

Latter part light variable winds from the N & Westward & cloudy weather The water & up top crushing Rocks —

Remarks on Friday March 17<sup>th</sup> 1820

Commenced with light winds & cloudy weather at 8 PM Calm came too with the stream in 12 fathoms mud & bottom at 8 began to haul up at 9.40 when under way

At 2 AM set the fore topmast & main topmast studd sail at 8 AM took in the studd sail

Latter part pleasant breeze & weather Sound from 12 to 13 fathom Winds from N to N East & N W West —

We have had a current now leaving the Brothers from 20 to 25 miles per Day to the Eastward & we had not been supplied with a current we should have got to leave —

Remarks on Saturday March 18<sup>th</sup> 1820

Commenced with light breeze & passing clouds at 4 PM Calm came too with the stream in 10 1/2 fathoms Commenced setting to the Eastward about a knot light winds from the N West & N Mid night then from W S W began to haul up at 4.15 where under way at 2 AM equally appeared in the N West found all light sail heavy showers of Rain from 4 to 5 Calm & Rain at 5.15 came too with the stream in 11 fathoms a strong current setting to the Westward at 8.15 began to haul up at 8.45 when under way at 9.30 took in the Northward at 10 AM saw the land bearing about N 1/2 West —

Latter part light winds & pleasant weather

Latitude by Observation 3.33 South —

Remarks on Sunday March 19<sup>th</sup> 1820

Commenced with light breeze & pleasant weather at 8.15 PM Salt Island bore N 1/2 E came too with the stream in 12 fathoms moderate breeze & pleasant till midnight then equally with much Rain the wind from N East to N W West at 8.30 got under way with a light breeze from W N W at 10.25 set the fore topmast studd sail at 11 took it in again

Latter part fine breeze from the S Westward & pleasant weather Extrem part of Salt Island bore by compass N by W 1/2 W bearing Point N 1/2 West highest part of Middle Island N by E 3/4 E 13 fathoms Water —

Latitude by Obedmany Obs 3.12 South



Remarks on Monday March 20<sup>th</sup> 1820  
 Commences with light breezes & pleasant  
 weather at 5<sup>h</sup> 35 took in the fore topmast  
 stud sail from 4 to 6 nearly Calm  
 at 6<sup>h</sup> 30 2 with Calm came too with the  
 small bower in 27 fathoms land bottom  
 saddle Island bell 8 1/2 & Northern part of Sandy  
 Island & by N. Extreme point N by E highest  
 part of Middle Island N by E & small Island  
 off West End do N & W Current setting about  
 1 1/2 per hour light from the N.W.  
 through the Night & pleasant weather —  
 Latter part light air from N.W. by N & pleasant  
 weather & very warm still at anchor —

Remarks on Tuesday March 21<sup>st</sup> 1820  
 Commences with light winds & very warm  
 weather at 2 P.M. the wind hauled to the  
 Westward began to heave up at 2.30 when  
 under way at 3 had a fresh gale from  
 the Southward took in all the light  
 sails and hauled up the Main sail at 3.30  
 set all sail again stood up the Straits  
 made several Tacks to get to the Westward  
 at 5.25 nearly Calm came too with the  
 small bower in 27 fathoms sandy bottom  
 small Island west of Middle Island E by N 1/2 N  
 low Island 1.8 by 8 1/2 Extreme point NW 1/2 W  
 at 10 P.M. Current SE 1/2 E 3 knots per hour —  
 Light Winds & pleasant weather —  
 Latter part light baffling air & hot weather  
 a weak Current setting up the Straits —

H	K	F	Course
1			
2			
3			St. George
4			East
5			Leathery
6			Calm
7	1		North West
8	3		
9	3		N by E. NW by S
10	3		
11	3		
12	3		
1	3		NW 1/2 E
2			Stand by
3			Course in rounding the Island
4			
5	2		N by W NW 1/2 W
6	1	5	
7	1	5	
8	1	5	
9	2	7	W 1/2 S
10	2		
11	1	5	
12	3		

Wednesday March 22<sup>nd</sup> 1820  
 Commences with light  
 air & very hot weather  
 at 5.2 P.M. a light breeze  
 from the S.W. Westward  
 got under way the wind  
 hauled round to the Eastward  
 at 3.31 P.M. the highest part  
 of Middle Island bore West  
 of the small Island off West  
 End of Middle Island —  
 nearly Calm & small  
 Current in our favour at 8  
 P.M. Gaspar Island bore  
 N by E 1/2 E Rocks off North  
 point Middle Island E by N 1/2 S  
 Island of West End of do  
 S 1/2 E Extreme point S 1/2 W  
 at 10 set the fore topmast  
 stud sail —

Midnight fine breeze  
 & popping clouds at 4 A.M.  
 Gaspar Island bore West  
 2 1/2 miles Distance 19 fathoms  
 of water when it bore N.W.  
 had 1/2 lps 10 — at 8.30 A.M.  
 set the lower & top of the sail  
 at 11 took them in again &  
 found the fore Royal —

Latter part light breeze  
 & very warm weather  
 Emp. Lloyd Ship's Duty —

No Observation  
 Latitude by DR 2<sup>nd</sup> 09 South  
 Longitude 107<sup>th</sup> 05 East  
 Course North  
 Distance 15 miles  
 Departure from Gaspar  
 Island —



H	K	F	Course	Miles	W	L
1	1	7	N by W	West	Monday March 29 <sup>th</sup>	
2	Calm				Commoner with light air	
3	1	-	NN E	NW by N	Many at 100 fms ahead	
4	1	-			Weather at 4.30 Fair	
5	-	5	N East	NW by N	to the S's Westward etc	
6	-	5	W by S		Gasper Island bore South	
7	-	8			25. West 18 miles Distance	
8	1	-	NNW		at 10 Calm & common	
9	-	2	N by W	N E by E	Sitting to the Eastward	
10	-	2			Came too with the same	
11	-		at anchor		bower in 18 fathoms only	
12					bottom -	
1						
2					Middle part calm &	
3					Cloudy at 5.50 AM	
4					a breeze from the South	
5					at 6.30 were under way	
6					Gasper bearing S 29 west	
7	3	-	NN W	Ely W	about 29 miles thick	
8	5	5		WNW	Heavy Weather from 6.30	
9	5	5		W by S	A.M till 10 -	
10	4	5				
11	4	5	N by W	West	Latter part thick Cloudy	
12	3	5			The Watch Employed Ship	
					Duty -	
					Latitude by Obs 1.32 Lat.	



H K F			H K F		
Course Winds & M			Course Winds & M		
Saturday March 25 <sup>th</sup> 1872			Sabbath March 26 <sup>th</sup>		
1	1	W by E 1 NW 1/2 W	7	2	5 N by W West
2	1	N by E	8	2	5 N 1/2 W
3	1	NN 3/4 E NW 1/2 W	9	4	N by W NW 1/2 N
4	1	N 3/4 W N West	10	4	5 NW by N West
5	2	7 E by N	11	3	9 North W by N
6	2	5 W by N	12	3	North
7	3	W 1/2 S NNW	1	4	N by E
8	3	W 1/2 N	2	3	N 1/2 E
9	3	W by N	3	3	W by S
10	2	W by N	4	2	5 W by S
11	1	W by N North	5		
12	1	5 NW by N N East	6		
1	1	5 NW by N N East	7		
2			8		
3			9		
4			10		
5			11		
6			12		
7					
8					
9					
10					
11					
12	5	North West			
Common with light wind & pleasant weather at 11 AM Tackled to the South & Westward at 1.30 Calm came too with the small lower 21 fathoms mud bottom			Common with gentle breeze & cloudy weather at 4 took in the Flying Jil & main & Ray at 9 took them at 9.30 & set to the S Westward at 10.40 Came too with the small lower on 128 fathoms mud bottom		
Middle part Calm with Rain till 9 AM then a light breeze from the N Westward Current setting E & S on knot per hour at 11.15 a fair breeze from the Westward at 11.50 were under way			Middle part by lot airs from the NNW & Cloudy weather the current setting NN E; lost per hour		
Ends with fine breeze & Cloudy weather the Watch Employed Ship's Duty			Latter part Calm lying at anchor		
No Observation			Latitude by Obs 11.12.00		



H	K	F	Course	Minds	Lat	Time	March 27 <sup>th</sup> 1880
1			ENE				
2	3		NW by N	N by E			Commenced with fine
3	1		West				breeze & cloudy weather
4	5						fine rains at 3. PM.
5	2						found the Flying Jib
6	1						main stay at 1 from
7	3		NW by N	NNE			top of sail between 2 & 3
8	1		W by N	N by N			set them again at 7 fath
9	1		W by N				to the S & Westward at 9
10	5		NNW				found the Flying Jib
11	3		NW by N				
12	1		NNW				
1	2		NW by N				
2	1		NNW				
3	2		NW by N				
4	3		NW by N	SE			
5	2						
6	1	5					
7	1	7		WSW			Latter part light wind
8	1	5					& cloudy weather
9	2						The Watch Com. log
10	1	5					Ship Duty
11	1	8					
12	2			SW			Latitude Obs. 1.07



[illegible]



H	K	F	Course	Winds	Day	H	K	F	Course	Winds	Day
1	4		NW by W	early S	Friday March 31 <sup>st</sup> 1821	1	3		NW by W	SW by E	Saturday April 1 <sup>st</sup> 1821
2	4				Commenced with fine breeze & hazy weather at 4:30	2	3	5		WSW	Commenced with fine breeze & clearing weather at 9:15
3	4				took in the fore topmast	3	2	8		WSW	had a heavy squall from
4	4				the sail at 6 at Barbours	4	3			West	the mast took in all the light
5	3			SW	and an Island one of the	5	1	5		SW	sails from the fore sail
6	2	5			the Spirit's home N 29 E at	6	1	1		SW	a main sail single mast
7	1					7	1	5		SW by S	the top sails at 11:30 set the
8						8	2			SW by S	the fore sail & main sail
9						9	3				
10						10	7			SW	the fore sail & main sail
11						11	6			SW	the fore sail & main sail
12						12	5	5		NW by W	the fore sail & main sail
1						1	5			SW	the fore sail & main sail
2						2	5			SW	the fore sail & main sail
3						3	5			SW	the fore sail & main sail
4						4	4	8		SW	the fore sail & main sail
5						5	4	5		SW	the fore sail & main sail
6						6	5			SW	the fore sail & main sail
7						7	4			SW	the fore sail & main sail
8	2		NW by W	early W	Latitude Obs. 18, North	8	2			SW	the fore sail & main sail
9	4	7	NW by W	early S		9	3			SW	the fore sail & main sail
10	4	5				10	1	5		SW	the fore sail & main sail
11	3	5				11	3			SW	the fore sail & main sail
12	3	5				12	4			SW	the fore sail & main sail



H	K	F	Course	Winds	SW	Sunday April 2 <sup>d</sup> 1870	H	K	F	Course	Winds	SW	Monday April 3 <sup>d</sup> 1870	
1	2		NW $\frac{1}{2}$ N	W $\frac{1}{2}$ W		Commenced with fine breezes & cloudy weather at 8 set the Main top mast stay sail at 9 set the fore top mast & main top & studd sails --	1	2		NW $\frac{1}{2}$ W	South		Commenced with fine breezes & pleasant weather at 8 PM gold ship took in the studd sails	
2	2	2	NW $\frac{1}{2}$ W				2	3						
3	3	7	NW $\frac{1}{2}$ N				3	6						
4	3	2					4	6				SE W		
5	2	6	NW $\frac{1}{2}$ W				5	6						
6	2	7	NW $\frac{1}{2}$ W	W $\frac{1}{2}$ W			6	6						
7	1	3	NW $\frac{1}{2}$ W	SE W			7	5				South		
8	1	7					8	5						
9	1	5					9	4		NW $\frac{1}{2}$ W	SE by S			
10		9					10	3						
11		5				11	2				SE by S			
12			Calm			12	2							
1						Middle part calm & pleasant weather at 8 set the Main top mast stay sail at 9.30 set the lower studd sail at 8 saw the South American at 9 saw the White Bear -- at 11 set the studd top & studd sail --	1	1	9			East		
2							2	1	5					
3							3	1	5	NW $\frac{1}{2}$ W	SE by N			
4							4	3	5	NE $\frac{1}{2}$ E				
5							5	2	9	SE by N $\frac{1}{2}$ N				
6							6	1	8	NW $\frac{1}{2}$ W				
7		5	NW $\frac{1}{2}$ W	SE			7	2	5	N $\frac{1}{2}$ W				
8	1		NW $\frac{1}{2}$ W	SE by S			8	2	5	NNE				
9	1	5					9	2		W by S				
10	1	1					10	3		SE by W				
11	2	8				11	4		SE W					
12	1	5				12	5		SE W					
						Latter part fine weather & light airs --      Latitude by Obs 1.50 N								Latter part by lat & pleasant weather at 11 PM Puls down bore NW $\frac{1}{2}$ N --      Latitude by Obs 2.26 N



H K F				H K F			
Monday April 4 <sup>th</sup> 1870				Tuesday April 5 <sup>th</sup> 1870			
1	3		W by N	1	1	4	W by N
2	2			2	1	2	N 8 1/2 E
3	2		S by N	3	1	4	N 8 1/2 N
4	2		S by N	4	1	3	N East
5	2			5	1	5	N 8 1/2 E
6	3			6	2	3	W by N
7	3			7	1	8	
8	3			8	1	5	
9	2	7	N by N West	9	1	8	N by N
10	2		North	10	2	5	N West
11	1	8	N by N	11	3		
12	2		W by N	12	3		
1	2		N by N	1	4		N by N
2	2		W by N	2	3		
3	2		W 1/2 N	3	3	5	W by N
4	2			4	2	8	N West
5	2			5	3	5	
6	2			6	4		
7	2			7	4		W by N
8	2			8	4		N West
9	2		W S W	9	4		
10	2		N 8 1/2 N	10	4		
11	2		N East	11	2		
12	2		N 8 1/2 N	12	1		
<p>Commenced with fine breeze  &amp; pleasant weather Tackled  to the N. Eastward at 2  PM Tackled to the Westward  at 6 PM Pulo Aore bore N 45 W  at 6.45 Tackled to North at 7  found the main Royal &amp; flying  Jib at 10 Tackled to North &amp; made</p> <p>At night fine winds &amp;  weather at 9.30 set the Royal  &amp; Tackled to the N. Eastward</p> <p> Latter part light winds  &amp; heavy weather  at 10 PM Pulo Aore bore  N 52 W Distance 32 miles  The Watch employed</p> <p>Latitude by Obs 2.19 North</p>				<p>Commenced with light winds  &amp; heavy weather at 5 PM  Tackled to the Westward at 8  Pulo Aore bore N 54 West  Distance 10 or 12 leagues</p> <p> Middle part gentle breeze  &amp; pleasant weather at 9.45  at 10 Tackled to the Eastward  at 10.30 came too with the  small Bower in 23 fathoms  muddy bottom found the current  setting S 8 E 2 1/2 knot per hour  Middle of Pulo Aore bearing  by compass N 3 1/2 West 30  miles Distance Pulo Tingo  N 56 West fine by Chronom-  eter Latitude &amp; bearing of the  land that we have been at  49 miles to the S &amp; E by the  current this last 24 hours</p> <p> Latter part pleasant breeze  from N by E &amp; heavy weather</p> <p>Latitude by Obs 1.59 North</p>			



H K F			Course	Winds	Day	H K F			Course	Winds	Day
					Monday April 6 <sup>th</sup> 1870						Tuesday April 7 <sup>th</sup> 1870
1						1	4		North	WS West	
2					Commenced with light winds	2	3	5			Commenced with fine breeze
3					from N by East and heavy	3	1			S West	pleasant weather at 8 PM
4					weather at 3 & at 5 PM	4	2				Pulsed home here by compass
5					tried the current and found	5	2		N by W	SSW	N 78° West 8 miles distance
6					it setting 2 3/10 of a knot S 1/2 E	6	2			South	Pulsed 7 1/2 miles further
7						7	2				land to the Northward & West
8						8	1				N 52° West at 8:45 Gibe ship
9						9	2		N by N	S by W	at 9 the middle of Pulsed home
10						10	2				here West
11						11	3	3	NNW	W by S	
12						12	4	9	NNW 1/2 N		
1						1	4	5	NW by N		
2						2	5	5			
3						3	5	8			
4						4	6				
5						5	3		North		
6						6	3				
7						7	5		N by S 1/2 E		
8						8	4				
9						9	2				
10						10	2	6			
11						11	2	8			
12						12	3	1			

1

2

3

4

5

6

7

8

9

10

11

12

1

3

3

4

5

5

N by E

South

West

N by E

Commenced with light winds from N by East and heavy weather at 3 & at 5 PM tried the current and found it setting 2 3/10 of a knot S 1/2 E

At 10 the boat lighted line & calm & cloudy weather with showers of rain at 8 pleasant breeze from the N & Westward at 5:30 AM under way current had slackened considerably at 10 squally appearances in the night took in the 4th sails at 10:30 found the main top mast stay sail & Buzals at 11:30 set the Buzals from top mast & main top of the main

Latter part fine breeze & pleasant weather fine North Breeze large ship 18 miles

Latitude by Obs 2 1/4 miles

1

2

3

4

5

6

7

8

9

10

11

12

1

2

3

4

5

6

7

8

9

10

11

12

North

S by W

NNW

NNW 1/2 N

NW by N

North

N by S 1/2 E

Commenced with fine breeze & pleasant weather at 8 PM Pulsed home here by compass N 78° West 8 miles distance Pulsed 7 1/2 miles further land to the Northward & West N 52° West at 8:45 Gibe ship at 9 the middle of Pulsed home here West

Middle part fine breeze & weather at 2:30 set the fore top mast & main top of the Stud sails at 5:45 set the lower Stud sail

Latter part moderate breeze & fine weather & large ship vanishing the sides

Latitude by Obs 3 1/8 miles



H	K	F	Course	Winds	Lat	Long	Remarks	H	K	F	Course	Winds	Lat	Long	Remarks
1	2	2	N by E 8 1/2 E	SSEW			Commenced with light breezes & pleasant weather at 5.30 G.D. Ship and set the stud sails on the Starboard side at 6 PM P.O. Linnards bore S 43 West	1	2		NNE	SSEW			Commenced with light winds & pleasant weather all Drawing sail set
2	2							2	2						
3	2		N by E					3	2	5					
4	1							4	2	2					
5	2		N by E 8 1/2 E	SSEW				5	2	5					
6	2							6	2	4					
7	3	5	NN E	ES E				7	2	0					
8	3	5						8	2	2					
9	4	8						9	3	7					
10	4	5						10	3						
11	4	8						11	2						
12	3	6						12	4						
1	2							1	4	2					
2	2							2	4	8					
3	2	5						3	4	5					
4	3							4	4	5					
5	2	5						5	4						
6	2							6	4						
7	3							7	4						
8	2							8	4						
9	1	5						9	3						
10	1	8						10	3	8					
11	2	9						11	3	8					
12	2	8						12	2	5					



H	K	F	Course	Winds	Day	H	K	F	Course	Winds	Day
1	2	5	N by E	light	Monday April 10 <sup>th</sup> 1820	1	2	5	N by E	light	Tuesday April 11 <sup>th</sup> 1820
2	2	4			Commoner with light	2	2	6			Commoner with light
3	2				Winds & Weather a little	3	2	7			breezes & pleasant weather
4	2	9		SW	Cloudy between Midnight	4	2	9			at 6 PM set the larboard
5	1	7			& 4 AM	5	3	2			Main top & set Starboard
6	1	3				6	3	4			at 8.20 set the larboard fore
7	1	3				7	1	8			top mast Do.
8	2	7				8	1	5			
9	2	9				9	2	5			
10	2	5		South		10	2	5			
11	2					11	2	5			
12	2					12	2	5			Middle part light breeze
1	3				Later pleasant weather	1	2			SW	Cloudy weather at 6 AM
2	2	5			though is very warm	2	2				took in the larboard & Star
3	2	5			the Watch Employed painting	3	2	8			ails & set the Starboard
4	2				Ship - Took the Sheet Aft	4	2	5			fore top & set Starboard
5	3	5			from the bows & stood at	5	2	3			
6	2	4		SW	on Deck shifted the	6	3				
7	2	4			stream from the Warboard	7	3				
8	2	4			Chains in the larboard bow	8	3				
9	2	4				9	3				Later part light breeze
10	2	5				10	2	5			& very hot weather the
11	3	3				11	2	8			Watch Employed painting
12	3	2				12	2	9		SE	Ship
					Latitude by Obs 6.29 N						Latitude by Obs 7.25 North



HK	F	Course	Wind	Day	HK	F	Course	Wind	Day
1	2	NE	SE	Monday April 12 <sup>th</sup> 1820	1	5	NE	SE	Tuesday April 13 <sup>th</sup> 1820
2	2			Commenced with light Wind & pleasant Weather all Drawing Sail at —	2	8			Commenced with light air & pleasant Weather —
3	2				3	3			
4	1	9			4	7	NE	SE	
5	1	5			5	2			
6	1	5	Lat		6	5			
7	1				7	7		Lat	
8	2				8	3			
9	1	4			9	7			
10	1	0			10	3			
11	1	8			11	1			
12	2	2			12	1			
1	2				Middle & Latter part as above the Watch Employed painting Ship & iron Jobs on the Rigging	1	5		
2	2			2		5			
3	1	5		3		3			
4	1	5		4		2			
5	1	5		5		2			
6	1	5		6		5			
7	1	5		7		5			
8	1	5		8		1			
9	1	5		9		1			
10	1			10		1			
11	1			11		1			
12	1			12		1			
40 Distance				40 Distance					



Hour	Wind	Direction	Force	Remarks
1	1	1	1	Commenced with light
2	1	1	1	air & pleasant weather
3	1	1	1	at 11 AM each took in
4	2	1	1	the other sails
5	2	1	1	
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H	K	F	Course	Wind	Bar	Time	Day	Date
1	-	9	NW 1/2 E	20 E			Sunday	April 16 <sup>th</sup> 1890
2	-	5						
3	1							
4	1							
5	2							
6	1							
7	1							
8	2							
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4	1							
5	-	5						
6	-							
7	-							
8	-							
9	-							
10	-							
11	-	8	NW 1/2 E	20 E				
12	-	8						

Calm minus with light  
breeze & pleasant weather  
at 2 PM took in the star

Middle part light air  
& pleasant weather

Latter part as above  
with light breeze & pleasant  
day

Latitude by obs 8.55 North

H	K	F	Course	Wind	Bar	Time	Day	Date
1	-	7	NW 1/2 N	N 8 E			Monday	April 17 <sup>th</sup> 1890
2	1		NNW	N 8 E				
3	2		NW 1/2 N					
4	2	5	N 1/2 W	Heavily				
5	2	5	North					
6	3	5	N 1/2 E					
7	4	5	N 1/2 E					
8	3	5	North					
9	3	5	N 1/2 E					
10	3	5	N 1/2 E					
11	2	5	N 1/2 W					
12	2	5						
1	3		NW 1/2 W					
2	3							
3	3	8	N 1/2 W					
4	2	5						
5	2	8	N 1/2 W					
6	2							
7	3		N 1/2 W					
8	3							
9	3							
10	3	5	N 1/2 W					
11	3	3						
12	3	4						

Calm minus with light  
air & pleasant at 10 took  
in the Royal

Midnight fine breeze  
& passing clouds at 7.40  
sounded no bottom at 8.45  
sounded on the Royal  
Bishop Shoal in 9 fathoms  
the rocks on the bottom  
visible showing N by W  
were deep and to 15 fms bottom  
after with the hand lead  
all lead, & employed running  
ship

Latter part with breeze &  
fine weather a short small  
sea

Latitude by obs 9.55 North



Latitude by Obs 9° 31' N



HKE			Course	Winds	Dir	Thursday April 20 <sup>th</sup> 1871	HKE			Leaves	Winds	Dir	Friday April 21 <sup>st</sup> 1871
1	3		NW			Commences with fine breeze & pleasant weather at 1 PM Tack to the S Eastward at 6 Tack to the North	1	1	0	N by W	ENE	4	Commences with light breeze & hazy weather at 8 PM Pulo Septas being N 19 E by compass 15 miles distant
2	2		E by S				2	1	2	NNE	E by S		
3	2		SE 1/2 E				3	1	8	NNE 1/2 E			
4	2		SE by E				4	1	5	N 1/2 E			
5	2		SE				5	2	5				
6	2		N 8 by E				6	2	2	N by E	East		
7	1	3	N 8 1/2 E				7	2	5	SE	E by N		
8	1	5	N 8 1/2 E				8	2	7	SE 1/2 E			
9	2	9	NNE				9	2	5	SE			
10	2	5	N 1/2 E				10	3		SE by E			
11	3	5	N by W				11	3		SE			
12	3		N 1/2 W			At 12 M N Tack to the S Eastward with breeze & cloudy weather	12	3		SE 1/2 E			
1	2		E by S			at 6 AM saw Pulo Septas being N 20 East by compass at 8.30 Tack to the SE	1	2		East			
2	2						2	2	5	SE			
3	2	8	SE by E				3	2	5				
4	3						4	2	5				
5	2		SE 1/2 E				5	1	5				
6	2		SE by E				6	2		SE by E			
7	2	5	East				7	2		NNE 1/2 E			
8	2	5	SE 1/2 E				8	2	0	N 1/2 W			
9	1	5	SE by S			Latter part light breeze & hazy weather The Watch Employed Ship's Duty	9	2	0				
10	1		NNE 1/2 E				10	2	0	North			
11	1		N 8 by E				11	2	5				
12	1		NNW				12	3					
			Northward & Eastward		Northward & Eastward				Northward & Eastward		Latitude Obs <sup>d</sup> 9° 31' North		
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
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			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward		Northward & Eastward				Northward & Eastward				
			Northward & Eastward										



HKF	Course	Winds	Lat	Saturday April 22 <sup>nd</sup> 1880	HKF	Course	Winds	Lat	Saturday April 23 <sup>rd</sup> 1880
1 2 8	North			Commenced with pleasant	1 1 0	NW	N 8 by E	6	Commenced with fine
2 2 5	NNW			breezes & some what cloudy	2 2 5				breezes & hazy weather
3 2 8	North			Weather at 5 PM Phil's	3 2 5				at 6 PM Phil's sextant
4 2 9	N by E			beaten bone N 52 West by	4 3				bone by compass S 48 West
5 2 9				Distance 17 miles	5 3				Distance 24 miles at 6.35
6 3				between 6 & 7 Squally with	6 4				Tackled to the Eastward
7 2				Rain took in all the light	7 2	NW 1/4 W			
8 1 8	NNE 1/2 E			Sails hauled up the Main	8 3	8 by 5 1/2			
9 1 7	NNE			Sail at 7 set the Main	9 3				
10 4	East			Sail & top got Sails	10 2				
11 1 7	8 by 5 1/2			at 9 Tackled to the Eastward	11 2				
12 1					12 3				
1 2				Midnight gentle breeze	1 3	8 by 5			Midnight Cloudy at 1 AM
2 1 8				& cloudy weather at 1.45	2 3	8 by 5 1/2			Squally with Showers of Rain
3 1 3				Squally took in the light	3 3	8 by 5			Sharp lightning & heavy
4 1 2				Sails hauled up the Main	4 2	8 by 5 1/2			thunder from the top
5 1 5				Sail at 2 set them again	5 2				got Sails hauled up the
6 1 7				at 8.30 Tackled to the NW	6 2	8 by 6			Main Sail from the
7 1 7					7 2				Try Sail at 5 set them
8 1	N 1/2 W			Latitude pleasant breeze	8 2				again at 8.30 Tackled to the
9 3	NW 1/2 N			Winds & hazy weather	9 3 5				N + Westward
10 4	NW			The Watch Employed	10 3 5	NW 1/2 N			
11 4				Ship's Duty	11 3 5	NW 1/2 N			
12 4					12 3 5	NW 1/2 N			
				Latitude by Obs 9.52 N					Latitude by Obs 10.03



HKE			Course		Winds		L.M.		Monday April 24 <sup>th</sup>						
1	4		NW by N		N E 1/2 E										
2	3	6	N by W		N E 1/2 E				Commences with brisk						
3	4								breezes & Cloudy Weather						
4	3	7	N N W 1/2 W						at 12 M. N Tack to the						
5	3	5							Eastward find breezes						
6	3	2	N N W						& passing clouds at 3						
7	4		N by W 1/2 W						Squally with Rain						
8	3		N N W						find the top of sails						
9	4								& haul up the Main						
10	3								Sail Sharp by letting						
11	4								heavy Thunder & dark						
12	4								Rainy Weather the Wind						
1	1	5							baffling between 5 & 6						
2	2	3	N W by N						Cloud off set all downy						
3	2	2	East						Sail at 8 and down						
4	2								the Mizzen yards &						
5	2								Mast						
6	2		E 1/2 E												
7	2		E by S												
8	2	6	E 1/2 S												
9	3	2	E 1/2 S 1/2 E												
10	2	5													
11	2	5													
12	2		Northward & Eastward												



H	K	F	Cause Winds	Day	H	K	F	Cause Winds	Day
1	2	5		Wednesday April 20 <sup>th</sup> 1880	1	3			Thursday April 21 <sup>st</sup> 1880

2 2 5  
 3 3 6  
 4 3 7  
 5 2 5  
 6 2 2  
 7 3 3  
 8 2 2  
 9 3 3  
 10 3 3  
 11 4 4  
 12 5 5  
 1 2 8  
 2 2 5  
 3 2 2  
 4 2 2  
 5 3 3  
 6 3 3  
 7 3 3  
 8 3 3  
 9 2 5  
 10 2 5  
 11 2 5  
 12 2 5

At Westward on our track the S & E  
 on the other

North Easterly Dead in End

Commences with fine  
 breezes & passing clouds  
 at 12 No. N. Tack to the  
 N & Westward at 1.30  
 found the flying gile  
 at 2 equally with him  
 found the light sail  
 & haul up the Main  
 sail at 2.30 set the  
 again at 9 at N. Tack  
 to the Eastward

Latter part head winds  
 & pleasant weather -  
 The Watch employed  
 Ship's Duty

Latitude Obs<sup>d</sup> 10.56 N

2	3		
3	2	6	
4	2	3	
5	4		S 8 by E
6	4		S 8 1/2 E
7	4		N by W
8	4		N N W
9	4		
10	4		
11	3		N by W 1/2 W
12	3		N 1/2 E
1	4		N by E
2	4		
3	4		N 1/2 E
4	3		N by E
5	3		
6	3		
7	4		North
8	4		N 1/2 W
9	4		N by W
10	4		N by W 1/2 W
11	4		N by W
12	3	8	

Commences with fine  
 breezes & pleasant weather  
 at 5 took in the flying  
 gile at 6 Tack to the  
 Northward at 10 set the  
 flying gile

Midnight pleasant  
 breezes & passing clouds  
 at 3 found the fore top  
 at sail & flying gile  
 at 4 set them again

Latter part head winds  
 & fine weather  
 of the Watch & employed  
 Ship's Duty

Latitude Obs<sup>d</sup> 11.55 N



H	K	F	Course	Winds	Dr	Friday April 28 <sup>th</sup> 1870
1	2	5	NW by N	at East	5	
2	3		E by S			Commences with fine breeze
3	3					& pleasant weather at 1 P.M.
4	3		E ½ S			to the S. Eastward
5	3		E by S			
6	3		E by S ½ S			
7	3					
8	2					
9	2		E by S	NW 8		Middle part pleasant breeze
10	2					& fine clouds at 9 am
11	2					up the Main Mast & set the sail
12	2					
1	2		E ½ S			
2	1		E by S			
3	1					Latter part moderate
4	2					breeze & fine weather
5	2		E by N ½ N			the Watch Employed Ship
6	2		E ½ N			Duty
7	2					
8	2		E by N			
9	2		E by N ½ N			
10	2					
11	2					Latitude by Obs 12.30 North
12	2					" 36

H	K	F	Course	Winds	Dr	Saturday April 29 <sup>th</sup> 1870
1	2	5	E by N	North		
2	3		NW by N			Commences with gentle
3	3		NW ½ N			breeze & hazy weather
4	3		NW by N			at 1 P.M. Tackled to the N
5	3					& Westward
6	3		NNW ½ N			
7	3					
8	3		NW ½ W			
9	2		N ½ W			Midnight pleasant at
10	2		N ½ E			5 A.M. Tackled to the East
11	2		N by W			up the Main Mast
12	2					along and set the sail
1	2		N ½ W			
2	1		N by W			
3	1	5	NNW			
4	1	5	East			
5	1	5	E by S			
6	1	5				
7	1	5	East			
8	1	5				
9	2	2				
10	2					
11	2					
12	2					

North Easterly

Latitude by Obs 12.10 N



H K F		Course Wind		Monday April 30 <sup>th</sup> 1820	
1	2	E 1/2 N	N by E 1/2 E	Commences with moderate breezes & pleasant weather at 11 took in the Main Mast	
2	2	E by N			
3	2	E by E			
4	2	East			
5	2	E 1/2 S			
6	2	E by S	N by E		
7	2	E by 1/2 S			
8	2	E by S			
9	2	E S E			
10	2	S East			
11	2			Mid night fine breezes & passing clouds at 1 AM took to the Southward & West from 1 to 10 equally with rain heavy thunder & lightning the wind all round the compass	
12	3	S E by E			
1	4				
2	2	N 1/2 E			
3	1	N by E			
4	1				
5	5	N N E			
6	5	N N W			
7	5	N 1/2 E			
8	5			Latter part quite breezy & passing clouds the Watch Emp. long ship Darty	
9	2	N 1/2 W			
10	2				
11	2	N by E	East		
12	2			Latitude Obs <sup>d</sup> 12.08 North	

H K F		Course Wind		Monday May 1 <sup>st</sup> 1820	
1	1	N by E	East	Commences with moderate breezes & cloudy weather at 6.30 took to the St Eastward found the flying jib	
2	1	5			
3	2	2	North E by N		
4	2	2			
5	3	5	N by W 1/2 W		
6	4				
7	1	9	N by W		
8	2	5	N N W		
9	4		S E 1/2 E		
10	3		S E by E		
11	4				
12	4				
1	5			Mid night brisk breeze & passing clouds at 2 AM found the same top of sail equally apparent from the Northward between 5 & 8 set all drawing sail pleasant	
2	3	5	S 1/2 E		
3	3	5			
4	3				
5	2	5	North		
6	2	5			
7	3				
8	2				
9	5		N by W		
10	5				
11	4		N N W		
12	4				
				Latitude Obs <sup>d</sup> 12.21 North Longitude by Chronometer 111.55 East	



HR	KT	Course	Wind	Day	Time
1	3	5	NW 1/2 W	Tuesday	May 2 <sup>d</sup> 1820
2	3	6	NW 1/2 W		
3	3		NW 1/2 N NEast		
4	2	2			
5	2	8	NW 1/2 W		
6	2	7	NW 1/2 W		
7	1	8	E by S		
8	2	4	E by S 1/2 S		
9	2	4	E by S		
10	3	2			
11	3	5			
12	3	8	E by S 1/2 E		
1	2				
2	2				
3	2	8			
4	2	8			
5	2	5			
6	2	5			
7	3				
8	3				
9	3				
10	3				
11	3				
12	3				

Commenced with brisk breeze & falling clouds at 3.15 found the fore topgail sail at 4 for the main & hoisted up the main sail at 5 set them again at 6 sailed to the Eastward at 9.31 set the fore topgail sail & flying jib

Middle part fine breeze & falling clouds

Latter part pleasant the Watch Employed Ship's Duty

Latitude Obsd 12.08

HR	KT	Course	Wind	Day	Time
1	3		E by S	Wednesday	May 3 <sup>d</sup> 1820
2	3				
3	3		NNE		
4	3	2	NNE		
5	4		NNW		
6	3				
7	4				
8	3		E by S 1/2 E		
9	2	5	ESE		
10	2	5	E by S NNE		
11	2	8			
12	2	8	NW 1/2 W		
1	3	4	NW 1/2 N		
2	3				
3	2				
4	2	5	NNE 1/2 E		
5	2	5	NNE 1/2 E		
6	1	8	ESE		
7	1	8	ESE		
8	2		NNE by E baffling		
9	2				
10	2		ESE		
11	1	2			
12	2				

Commenced with brisk breeze & falling clouds at 1.40 Mr M. lashed to the Northward at 2 set the flying jib at 7 sailed to the S. Eastward

Midnight lashed to the Northward & Westward gentle breeze & falling clouds at 3.15 lashed to the N. East found the fore topgail sail & flying jib equally with small showers of rain at 4 A.M. took in the main topgail sail between 5 & 8 set all drawing sail

Latter part brisk breeze & pleasant weather the Watch Employed Ship's Duty

Latitude Obsd 12.35 N

North



H	K	F	Current Winds	Time	Thursday May 5 <sup>th</sup> 1820
1	2	5	E by N 1/2 S & W 5		
2	3				Commenced with fine
3	2		E N E		lineages & pleasant weather
4	3		E by N 1/2 N		at 1 PM set the Main
5	2	9			Royal at 8 tack to the
6	2	9			Point at 8 tack to the
7	2	5	E 1/2 S		N & Eastward pleasant
8	2	5	East		lineages & weather —
9	2		NW by W N E		
10	2				
11	2		NW 1/2 W		
12	2		E by N North		Midnight & latter part
1	3		E 1/2 N		fine lineages & weather
2	3		E 1/2 N		at 1 PM tack to the
3	3		East		Eastward the Watch
4	3				Employed Ship's Duty
5	1				
6	1		NW 1/2 N		
7	8				
8	5				
9	9				
10	8				
11	9				
12	5				

Latitude Obs<sup>d</sup> 12.59 N. 9

H	K	F	Current Winds	Time	Friday May 5 <sup>th</sup> 1820
1	1		N E by E 1/2 N by W 50		
2	1	5	N East		Commenced with fine
3	1	7	N E by E		weather & head winds
4	1	5	E N E		at 7.15 tack to the
5	1	8			Eastward at 8 furl
6	1	8	E 1/2 N		the Main Royal & flying
7	3	8			gib — — —
8	3		E by S		
9	3		E E E		
10	3				
11	3		NW 1/2 N		
12	3		NN 1/2 W N E by E		Mid night gentle breeze
1	3				& falling clouds at 4
2	3				at 1 PM tack to the S & East
3	3				at 5 set the Main Royal
4	3				& flying gib — —
5	3				at 8.30 tack to the N
6	3				Westward — — —
7	2	5	E E by E		
8	2	8	E E by S		
9	2		East		
10	2				
11	2		NNW		
12	2				

Latter part light breeze  
& pleasant weather  
at 12 PM R tack to the  
S & Eastward

Latitude by Obs 13.34 N



H K F			Course	Winds	At	H K F			Course	Winds	At
1	2		8 by 8	at last		1	2	5	8 by 8	NNE	
2	2		8 by 8			2	2	5			
3	2		8 5 8			3	3				
4	2					4	2	5	8 5 8		
5	2	2	8 by 8 5			5	3				
6	2	8				6	4				
7	2	9	8 5 8			7	3	5			
8	3		8 by 8			8	3	5			
9	3					9	3		NW W		
10	3	3				10	3				
11	3	3				11	3				
12	3	5	N by NW			12	3				
1	3	8	NNE			1	3				
2	3					2	3				
3	1	5				3	3				
4	1	5	8 5 8 at			4	3		NW by N		
5	2					5	2	5	8 by 8		
6	2					6	2	5			
7	2	4				7	3		8 5 8		
8	2	4				8	3				
9	2	3	8 by 8			9	3				
10	2	3	8 by 8 5			10	3				
11	2					11	3				
12	3					12	3		8 by 8		
<p>Commenced with fine breezes &amp; pleasant weather at 4 took in the Main Royal &amp; flying Jib</p> <p>Mid night pleasant breeze in passing clouds took to the Northward a show of rain at 5 set the light sails</p> <p>Latter part with fine breezes &amp; pleasant weather Watch employed ship Duty</p> <p>Latitude by Obs 13.24m Longitude by Lunar Obs 112° 30' East showing an Easterly Run of 8 3 miles some having Puls detected the Crown aground within 2 or 3 miles we have had for the last 8 Days from 6 to 10 miles Northward Commenced</p>						<p>Commenced with fine breezes &amp; pleasant weather at 4 took in the Northward the flying Jib &amp; Main Royal at 8.30 found the Main Royal</p> <p>Latter part fine breezes &amp; head winds the Watch employed Ship Duty but the new Main top sail</p> <p>Latitude by Obs 13.37</p>					



H K I			Canon Winds	Monday May 8 <sup>th</sup> 1820	H K I			Canon Winds	Tuesday May 9 <sup>th</sup> 1820
1	1	7	ESE	at 5	1	1	5	N $\frac{1}{2}$ W ENE	5
2	2			(commences with moderate breeze & cloudy weather at 11.30 at the Main Mast)	2	2	4	N by N $\frac{1}{2}$ W	Commences with light air & variable at 3.35 brait round the yards head to the S by Eastward
3	1	5	ESE		3	2	2	East	
4	1	5	ESE		4	3	3	SE by E	
5	1	6			5	1		ESE	
6	1	6			6	1			
7	1	9	ESE		7	1			
8	2	1		Mid night pleasant breeze weather at 4 AM	8	1			
9	2			shift to the Northward	9	1			
10	2				10	1			
11	2		ESE		11	1		SEast	
12	2				12	1		SE $\frac{1}{2}$ S	Mid night light air & pleasant weather at 8 shift to the Northward
1	3				1	1		SE by E	
2	3			Lo after part light air & pleasant weather the Watch & employed Ship's Duty	2	1	5		
3	2				3	1	5		
4	2	8	SE by E		4	1	5		
5	1	5	N $\frac{1}{2}$ W		5	1	4		
6	1	5			6	1	6	ESE	
7	1	8	N by W		7	1	8		Lo after part light winds & large peeping clouds the Watch & employed Ship's Duty
8	1		N by E		8	1	2		
9	2			Latitude by Obs 13.47 N	9	1	7	N $\frac{1}{2}$ E	
10	2				10	1	2	N by W	
11	1	7	N $\frac{1}{2}$ E		11	1	8	North	
12	1	2			12	1	7	N $\frac{1}{2}$ E	Latitude by Obs 13.42 North



H	K	F	Course	Winds	Day	Time	1870
1	1	7	NNE	elys	Wednesday	May 10 <sup>th</sup>	1870
2	1	5	NNE		Commenced with light breezes & pleasant weather at 8:45 wore ship to the S / Eastward		
3	—	8	North				
4	—	2					
5	—	—					
6	—	—					
7			Calm		Midnight gentle breeze & pleasant weather at 30. At 10 tack to the Northward at 1 AM set the Flying Jib & Main Royal at 4 ut the fore topmast boom & Main topmast standails & main topmast stays		
8							
9	1						
10	1		SE by E				
11	2		SE by E 1/2 E				
12	3				Latter part fine breezes & pleasant weather at 10 set the lower standails the water compass & the barometer		
1	3		N by E 1/2 E	SE by E			
2	3		NE by E				
3	3						
4	3						
5	2	8			Latitude Obs 12.12 North		
6	2	5					
7	2						
8	2						
9	3						
10	3	5					
11	3	2					
12	4	5					

H	K	F	Course	Winds	Day	Time	1870			
1	4	5	NE by E	SE by E	Thursday	May 11 <sup>th</sup>	1870			
2	3	5			Commenced with moderate breezes & pleasant weather at 11 took in the lower third sail					
3	2	2								
4	2									
5	2	3								
6	3		East							
7	3									
8	3									
9	4									
10	4	2								
11	4	8			Midnight pleasant breeze & weather at 1 squally took in the third sails at 3 set them again at 5 set the lower boom at 10 rounded in 15 fathoms water coral on blackboard plank					
12	4									
1	3	5								
2	3	5								
3	4	5								
4	6	5	SE by E							
5	8									
6	5									
7	5									
8	5	5								
9	5	5	SE by E		Latter part moderate breezes & pleasant weather					
10	5									
11	3									
12	5									
1	3									
2	5		SE by E		Latitude Obs 15.35 North					
3										
4										
5										
6										



H K F Course Winds L<sup>th</sup> Friday May 12<sup>th</sup> 1820  
 1 3 North S<sup>W</sup> 2

2 3  
 3 3 1  
 4 3 5  
 5 2 5 N<sup>W</sup>  
 6 2 5  
 7 3 4  
 8 5  
 9 5  
 10 4  
 11 4  
 12 4  
 13 4  
 14 4  
 15 4  
 16 4  
 17 4  
 18 4  
 19 4  
 20 4  
 21 4  
 22 4  
 23 4  
 24 4  
 25 4  
 26 4  
 27 4  
 28 4  
 29 4  
 30 4  
 31 4

S<sup>W</sup>

S<sup>W</sup>

South

S<sup>W</sup>

Commenced with pleasant  
 breeze & weather at 6  
 P.M. ship at 7 P.M. back  
 again

Middle part of day  
 at 4 P.M. ship at 5 P.M.  
 the barometer fell & it  
 rained with showers  
 of rain

Latter part pleasant  
 breeze & cloudy weather

Latitude Obs<sup>d</sup> 17° 22' North

H K F Course Winds L<sup>th</sup> Saturday May 13<sup>th</sup> 1820  
 1 5 5 N<sup>W</sup> S<sup>W</sup> 3

2 4 5  
 3 3 5  
 4 3 5  
 5 3 5  
 6 4 5  
 7 4 5  
 8 4 5  
 9 5  
 10 4  
 11 4  
 12 4  
 13 4  
 14 4  
 15 4  
 16 4  
 17 4  
 18 4  
 19 4  
 20 4  
 21 4  
 22 4  
 23 4  
 24 4  
 25 4  
 26 4  
 27 4  
 28 4  
 29 4  
 30 4  
 31 4

South

S<sup>W</sup>

South

Commenced with pleasant breeze  
 & weather at 6 P.M. ship at 7 P.M.  
 back again with showers  
 of rain. The barometer  
 fell & it rained

Latter part of day  
 at 4 P.M. ship at 5 P.M.  
 the barometer fell & it  
 rained with showers  
 of rain

Latter part of day  
 at 4 P.M. ship at 5 P.M.  
 the barometer fell & it  
 rained with showers  
 of rain

Latitude by Obs<sup>d</sup> 18° 49' North



H	K	F	Cause Winds
1	3		N by W 45° E
2	3	5	
3	3	2	
4	4		NNW
5	4	5	
6	4	5	
7	2	5	
8	2	5	
9	2		
10	2	5	
11	4	5	
12	4	3	
1	4	4	
2	4	8	
3	4		
4	4		
5	4		
6			
7	4		
8	4		
9	4		
10	4		
11	4		
12	4		

1870

Commenced with moderate  
 breeze & pleasant  
 weather at 11 AM the  
 Harbour was cleared  
 Mid Sea breeze from  
 sunset strong in air

Little sea breeze  
 breeze & weather at  
 1 PM the ship was  
 under sail

Little sea breeze  
 breeze & weather at  
 1 PM the ship was  
 under sail

Latitude by Obs 20° 15' N

H	K	F	Cause Winds
1	4		NNW
2	3		North
3	3		
4	3		
5	3		
6	4		
7	3		
8	3		
9	4		
10	5		
11	5		
12	6		
1	5		
2	5		
3	5		
4	4		
5	4		East
6	4		
7	2		NNW
8	5		
9	3		
10	3		NNW
11	3		
12	3		

Monday May 15<sup>th</sup> 1870

Commenced with fine  
 breeze & pleasant weather  
 at 8 AM sound 45 fathoms  
 from black land at 8:30  
 5 fms light at the head  
 sails on the starboard  
 side at 11:30 took in  
 the top of the sails

At night fine breeze  
 & clouds weather at 30  
 AM took in the fore  
 Royal & main & forest  
 sail at 2 PM  
 took in the fore sails  
 & hauled up the main  
 sail at 4 sound in 25  
 fathoms from black land  
 at 7 AM saw the  
 land bearing NNE at  
 8 saw the land bearing NW  
 a large number of fishing  
 boats in sight at 11:50  
 finding we could not  
 weather the great  
 had none left to the  
 South & Eastward

Little sea breeze  
 & pleasant weather  
 at 12 PM the great  
 had none bore NNE

Latitude by Obs 21° 55' N



Sunday May 15<sup>th</sup> 1870

Commenced with fine breeze &  
pleasant weather at 10.45 PM  
finding we could not weather  
the great bar over us we took  
the sea rock on the other  
side of the point of getting a light  
breeze up & we in among the islands  
for Macao under came between the  
Chonk Chica passage from 15 to 7  
fathoms of water at 11.35 came too  
with the lower in 4 fathoms and  
within Macao having 11.45  
3 miles distant

At 12.16 the boat went  
on down in the combination  
boat to procure a pilot to carry  
us up the river

Left after part fine breeze  
pleasant weather

Wednesday May 17<sup>th</sup> 1870

Commenced with fine breeze  
pleasant weather at 10.45 PM  
finding we could not weather  
the great bar over us we took  
the sea rock on the other  
side of the point of getting a light  
breeze up & we in among the islands  
for Macao under came between the  
Chonk Chica passage from 15 to 7  
fathoms of water at 11.35 came too  
with the lower in 4 fathoms and  
within Macao having 11.45  
3 miles distant

Left after part fine breeze  
pleasant weather at 11.16 where about  
of intention saw the Pilot boat  
American laying at anchor  
9 miles below the river



Thursday Aug 18<sup>th</sup> 1820

Commenced with fine breeze  
at 10 AM. at 2.30 came too  
the small lower to the North  
stream to the Eastward and  
gentle breeze from the South  
at 3 PM. got under way  
at 4 PM. a little above  
the town at 5 PM. got under way  
with a fine breeze from the  
Southward.

Latitude 41° 15' N  
Longitude 71° 15' W

### Arrivals

- Sept 3<sup>rd</sup> Ship John Brown of Providence  
Capt E. Berkin from Malacca  
8<sup>th</sup> Ship Mary Ann Capt. Powers  
of Boston from Providence  
28<sup>th</sup> Ship Levant Capt. Camp  
of Boston from the North West  
Coast of America  
25<sup>th</sup> Ship Thetis Capt. Malins  
of Boston from New York  
24<sup>th</sup> Ship Venus Capt. Black Kevin  
of Boston from Philadelphia

Friday Aug 19<sup>th</sup> 1820

Commenced with fine breeze  
at 10 AM. at 2.30 came too  
the small lower to the North  
stream to the Eastward and  
gentle breeze from the South  
at 3 PM. got under way  
at 4 PM. a little above  
the town at 5 PM. got under way  
with a fine breeze from the  
Southward.

Arrival of American vessels  
while in port at Wham, sea  
Ship Concord Capt. Magee  
from Calcutta & Boston

23<sup>rd</sup> Ship Brothers Capt. Gilchrist  
from Salem from Salina

June 11<sup>th</sup> Ship Lion Capt. Magee of Providence  
from Malacca  
the same day

Ship Ophelia of Boston  
Capt. Dowson from London

July 14<sup>th</sup> Ship Rapidian from Peru Capt.  
Smith of Boston

August 22<sup>nd</sup> Ship Columbian Capt. Sherman  
of Boston Philad. from Liverpool  
Ship Enterprise Capt. Perrot  
of Boston from New York  
Ship Robert Edwards of New York  
from Liverpool



October 5<sup>th</sup> Ship *London* Captain *London*  
 27<sup>th</sup> Ship *London* Captain *London*

May 24<sup>th</sup> Ship *London* Captain *London*  
 for the South America

25<sup>th</sup> Ship *London* Captain *London*  
 for the South America

June 9<sup>th</sup> Ship *London* Captain *London*  
 for the North of Africa

22<sup>nd</sup> Ship *London* Captain *London*  
 for the South America

October 1<sup>st</sup> Ship *London* Captain *London*  
 not known where bound

11<sup>th</sup> Ship *London* Captain *London*  
 for the South America

27<sup>th</sup> Ship *London* Captain *London*  
 for Boston

Nov 15<sup>th</sup> Ship *London* Captain *London*  
 for New York

The rest of the *London* left  
 at *London*

Saturday November 25<sup>th</sup> 1820

Commenced with thick heavy  
 weather & light airs small  
 rain lying at anchor in  
 Boca Ligea River about one  
 mile above the first Bar

At 3 M weight anchor & dropt  
 down

Latter part light airs & dropping  
 down the River

Sunday November 26<sup>th</sup> 1820

Begins with light airs & thick  
 heavy weather at 5 P.M. it being  
 calm the tide against us came  
 came to with the stream anchor  
 in 5 fathoms 4 miles above the  
 Boca Ligea

Middle part light airs & dark  
 heavy weather  
 at 5 M weight anchor with  
 a light air from the N.W. wind  
 at 11 past the Bar, stream of  
 Boston from the Northwest coast  
 of America bound to Canton

Latter part light airs & heavy  
 weather



Begins with moderate Breeze & Bary  
Weather at 3 PM the Wind very  
light & a strong tide against us compels  
to with the stream anchor in 4 1/2 fathoms  
of water

of Water  
Middle part light Air & thick heavy  
Weather at 3.15 began to leave up  
back Water light Air & from the  
Eastward at 11.10 A.M. discharged the  
shot

Letter sent from Crosses from  
to L.C. to give Weather at M.R.  
Nacosa Town from N.S. Mt 8 or 10  
miles distance

Latitude by Obs  $22^{\circ} 09'$  North }  
}

1  
2  
3  
4  
5

8 N 6  
Fine weather & light Easterly Winds  
at 3.20 P.M. the Grand had none  
bore East 9 miles distance at all driving  
Sail to advantage

Middle part pleasant breezes & weather  
at 3 A M set the Starbunt. to get  
stud Sails at 5 A M in all the Sails  
Gave the trisail jibed Ship set the  
Starbunt fore topmast stud Sails  
at 11 set the Lower down

Latter part fresh breezes & cloudy  
 Weather  
 Variation  $1\frac{1}{2}$  East only

Latitude by P<sup>l</sup>s 20.38 North  
Latitude by D R 20.38 North  
Longitude In 112° 54 East  
Diff longitude 51 West

1	0	
2	6	
3	6	
4	7	
5	6	8
6	6	8
7	7	5
8	7	2
9	7	7
10	7	7
11	7	2
12	7	7
1	7	5
2	7	
3	7	5
4	7	5
5	7	5
6	7	
7	7	
8	7	
9	7	5
10	8	9
11	7	5
12	7	8

Remarks on Wednesday 29<sup>th</sup>  
Commenced with brisk  
breeze & thick hazy weather

Middle part strong waves  
a thick cloudy weather  
at 9 A M took in the  
harbour gave topmast  
and sail

A long heavy sea through  
the 24 fathoms at 12 1/2 P  
went down the Royal  
yards & Mast - - -

Latitude by Obs 17.52 N  
Reduction  
Latitude by Hk 18.08 N  
Diff latitude 2.30 South  
Diff longitude 1.28 West  
Course S 29° West  
Longitude in 111° 26 East  
Variation 1.30 Easterly

	8 N 8		
1			
2			
3	FL	F	Course Wind
4	1	5	SSW $\frac{1}{2}$ W
5	3	4	
6	3	2	
7	2	8	
8	2		
9	1	5	
10	2		
11	2	4	
12	2	6	
1	3		Don N 8
2	3		
3	3		
4	3	8	
5	4	4	
6	4	5	
7	5		
8	5		
9	6		
10	6		
11	6		
12	6		



H	K	F	Courses	Winds	Day	Time	Notes
1	7	4	SSW 1/2 W	N 8 by N	Thursday	November 30 <sup>th</sup> 1821	Commenced with rain
2	7	4					brakes 1.11 dark rain
3	7	3					Weather at 2 10 M took
4	7	2					in the 1st sails dark
5	7	7					disagreeable weather
6	7	7					with much rain at 4
7	6	2					P M took in the main
8	6						top got sail at 9 double
9	7		S 1/2 W	N East			ruft the top sails
10	6						
11	6	7					
12	7						
1	6	5					
2	6						
3	7						
4	6	5					
5	6	5					
6	6	5					
7	6	5					
8	6						
9	5	5					
10	5	9					
11	5	5					
12	4	8					
<p>No Observation</p> <p>Latitude by D.R. 15.27 N</p> <p>Difference 1.01 West</p> <p>Course S 22° West</p> <p>Distance 157 miles</p> <p>Longitude in 116° 25 East</p>							



H	K	F	Courses	Wind	Day	Time
1	2	3	S by E	East	Saturday	December 31 1870
2	2	1				
3	2	0				
4	3	1				
5	3	0				
6	3			ENE		
7	3	3				
8	3	3	South			
9	3					
10	3					
11	4					
12	5			NE by E		
1	5					
2	5					
3	5					
4	5					
5	5			ENE		
6	5					
7	5					
8	5					
9	5					
10	5					
11	5					
12	5					

Commons with light  
Breezes & pleasant weather  
at 7.45 at the fore top mast  
Shot sail at 8.15 at the  
lower & Main top & the sail

Middle part fine breezes  
& rising clouds at 9  
A.M. a small shower  
of rain  
End Pleasant  
at 9 saw Pulo Lepotta

Latitude by Obs 10.07  
Latitude by D.R. 11.23 North  
Course S 1/2 E  
Distance 93 miles  
Diff longitude 8 miles  
Longitude by 110.32 East  
at M R Pulo Lepotta  
born 5 5 2.8 distance 13 miles  
from which I correct my  
longitude it being in  
the longitude of 109.10 East  
N 52° W 13 gives 108.58  
True long of ship 108.58  
Longitude by D.R. 110.32  
~~109.10~~  
01.54 difference

Shown that the current  
has set the ship 1.34 to the  
Westward  
since leaving the great  
bedrock

H	K	F	Courses	Wind	Day	Time
1	5	5	South	SE by E	Sunday	December 31 1870
2	4	4	SSW by W			
3	5					
4	4					
5	4					
6	5					
7	5					
8	5					
9	5					
10	5	3				
11	5	5				
12	5	5				
1	5			NE		
2	5					
3	6					
4	6					
5	5					
6	5			NE		
7	5					
8	6					
9	5	6				
10	5	5				
11	5					
12	5					

Commons with brisk  
breezes & pleasant weather  
at 5 P.M. we set up the Main  
Royal yard & mast &  
set the sail at 8.30 took  
in the the sail & Main  
Royal at 11.15 at the  
Main Royal

Middle part fine breezes  
& cloudy at 1 found the  
Main Royal at 2 set it  
again at the fore Royal  
& the sail fore & aft

Lower part pleasant  
breezes & heavy weather  
distant thunder in the  
South

Latitude by Obs 7.47 North  
Latitude by D.R. 8.17 N  
Course S 22 West  
Distance 158 miles  
Diff longitude 1.00  
Longitude 107.58 East



H	K	F	Course	Winds	Remarks on Monday 4 <sup>th</sup> 1890
1	5	5	SW 1/2 W	NE by E	
2	4	5			Commenced with fine breeze
3	4				& haze of weather at 2 PM
4	4	5			Squally with heavy showers
5	4				of rain took in all the
6	4		S West		light sails at 3 set the
7	4	8			Gill & Tinsail at 4 set
8	5				the Main top & sail
9	5	8			between 4 & 5 set the
10	5	5			fore top & sail lower
11	5				& fore top mast studding
12	4		SW by S		& Main Trawl -
1	4	3			Sharp light ring from
2	4	2			the S & Westward -
3	4	5			
4	4	5			
5	5			NE by E	Middle part fine breeze
6	4	8			& thick weather with
7	5				fine rain at 4.30 squally
8	5				with rain took in the
9	4	8			light sails at 5 set all
10	5			SE by N	drawing sail -
11	4	8			
12	4				Latter part pleasant
					& weather haze of -
					Latitude by Obs 58° 57' North
					Latitude by DR 58° 14' Nor.
					Course S 42° West
					Distance 117 miles
					Difference of longitude 1° 05'
					Longitude in 106° 53' East

H	K	F	Course	Winds	Remarks on Tuesday December 5 <sup>th</sup> 1890
1	3	5	SW by S	NE by E	
2	3				Commenced with moderate
3	3	5			breeze & haze of weather
4	1	7	SW 1/2 W		at 10 squally & rain
5	4	8			took in all the light
6	4	8			sails & set the top & sail
7	5				at 11 set the Main sail
8	5				& Main top & sail
9	5				
10	5	3			
11	5	8			Middle part fine breeze
12	5	5			& squally between
1	5				2 & 3 set all the light
2	5				sails fore & aft -
3	5	8			
4	5				
5	5	5			Latter part brisk breeze
6	5	9			& haze of weather -
7	5	5			the Watch & employed
8	5	5			this duty -
9	6			NE by N	
10	6				Latitude by Obs 4° 01' N
11	6	8			Latitude by DR 4° 01' N
12	6				Course S 45° West
					Distance 127 miles
					Difference of longitude 57 miles
					Longitude in 105° 58' W



H	K	F	Cause	Wind	Day	Time
1	0	2	SW W	NE by E	Wednesday	December 6 <sup>th</sup> 1820
2	0					
3	0					
4	5	1				
5	0	4				
6	0	2				
7	5	5				
8	4	5				
9	4					
10	1		up N West	off NW W		
11	1	5				
12	1	3				
1	1	3				
2	1	5				
3	1	5				
4	1	2				
5	1	2				
6	1	7				
7	4	0	SW W	NE		
8	4	5	South	E by N		
9	3	5		NE		
10	2	4				
11	2	4		E by N		
12	3	8				

Commenced with fine breeze  
 & fair weather at 6 AM  
 took in all light sails  
 furl'd the try sail & haul'd  
 up the Main sail furl'd  
 the jib & double reef'd  
 the top sails the weather  
 being too heavy to sea time  
 at 7 furl'd in 43 fathoms  
 mud at bottom at 7 furl'd  
 in 40 fathoms  
 haul'd the Main top sail  
 to the Mast - -

Middle part fine breeze  
 & fair weather furl'd  
 away from through the  
 light had furl'd 43 to 21  
 fathoms at 5.40 it being  
 day by let furl'd away made  
 sail at 6.30 set in thick  
 heavy weather at 7 haul'd  
 up the Main sail furl'd  
 the Main top sail  
 at 9 double reef'd the  
 top sails & try sails furl'd  
 the jib & haul'd the other  
 on head squab with  
 heavy showers of rain  
 at 9.30 the wind shifted  
 to N West at 10 haul'd  
 in 40 fathoms mud at the  
 bottom try sail & jib  
 furl'd haul'd away  
 weather with much rain  
 No observation  
 Latitude by DR 3.00 N  
 Course SE 1/2 E  
 Distance 74 miles  
 Longitude 54  
 Longitude in 105.02 East

H	K	F	Cause	Wind	Day	Time
1	3		Lat	NE by E	Thursday	December 7 <sup>th</sup>
2	3					
3	2					
4	3					
5	0					
6	0		SE 1/2 E	NE by E		
7	5					
8	5					
9	4					
10	4					
11	3					
12	2					
1	2					
2	2					
3	2	5				
4	3					
5	2					
6	2	5				
7	2	5				
8	2	5				
9	3					
10	3					
11	3	5				
12	3	5				

Commenced with thick  
 heavy weather at 3.20  
 haul'd the top at 4 PM  
 furl'd the top at 4.15  
 & haul'd the distance at 4.15  
 set the Main top sail  
 at 5 squally appearance  
 took in all light sails  
 at 6 fresh gale from  
 NE by E furl'd the light  
 sail & try sails try sail  
 & jib double reef'd the  
 top sail at 9 set the jib  
 & try sail at 10 furl'd  
 up from the top sails  
 & set the Main top  
 sail & Main stay sail  
 Mid night light wind  
 & thick weather at 1.50  
 set the Main sail  
 from top of sail at day  
 light saw the land  
 to be Pulo Pinang  
 at 7 set all masts  
 set the light sails

Latter part light wind  
 & squally appearance  
 in the S West - -  
 Latitude by Obs 5.20 N  
 Latitude by DR 1.50  
 Course SE 1/2 East  
 Distance 74 miles  
 Longitude 20  
 Longitude by 105.28  
 True Longitude 105.15 E  
 from Pulo Pinang - -  
 Latitude 1.24 North



[illegible]

Mid night light Air  
Cloudy & cool. Finest in  
the day.

on the Equator

Latitude by ~~the~~ ~~sun~~  
Latitude by ~~the~~ ~~sun~~ ~~24~~  
Course S 9 E 1/2 E  
Distance 60 miles  
If longitude 28 miles  
Longitude is 105.43.

H	K	F	Course	Winds	Lat	Long	Date
1	-	2	S 84 E	Light			Saturday December 9th 1820
2	2						Commenced with light
3	2	4					air & haze weather
4	3						with squally app coming
5	1	5					to the Westward
6	1	5					
7	1	2					
8	1	8					
9	-	8					
10	-	3					
11	1	5					
12	1						
1	1						
2	1						
3	1						
4	1	5					
5	1						
6	1	5					
7	3						
8	3	5					
9	3	2					
10	2	5					
11	2	5	S 84 E				
12	2		S 84 E				

Missed just as above  
at, squally took  
in the flight sails  
at 3 set them again

Letter boat light  
winds & heavy weather  
all drawing sail  
set - - -

Latitude by Obs. 51° 26'  
Latitude by D.R. 33° 50'  
Course S 26° 8' East  
Distance 57 miles  
Diff Longitude 20 miles  
Longitude 22 106° 19'



[illegible]

Latitude of obs 2.05 mm

H	K	F <sup>x</sup>	Compass	Wind	Time	Remarks
1	2	5	NW	WSW	Morning	Pleasant breeze & cloud of weather running down for Maclellan's Strait at 4 PM tack to the Northward at 4.45 Calor came too in 18 fathoms of water with small bow Gaspar Island bearing N 65 W Selt Island S 18 West Current East 2 1/2 of a knot a ship & by 8 upon to be the Phoenix
2	2					
3	1	5	NW 1/2 N	North		
4	1					
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11	4	5	WSW	West		
12	4	5	Sly W 1/2 W			

At noon within sight

A mon. Within sight  
of Goshute N 20 W. East  
small Island West of  
Pule. Lat 26 W. with  
large Bracket N 60 W.

Latitude by Obs —



[illegible]



H	K	F	Course	Winds	SW	Thursday December 14 <sup>th</sup>
1	1	5	SW	W	W	<p>Light air &amp; cloudy weather at 1. Sail to the West, York at 11:30 set the flying jib &amp; Royals at 4:35 Calm came too with the stream anchor in 12 fathoms found a current setting S 8 E on boat in tank at 9:50 began to move up a current from the Westward</p>
2	1	5	SW	W	W	
3	1	5	SW	W	W	
4	1	5	SW	W	W	
5	1	5	SW	W	W	
6	1	5	SW	W	W	
7	1	5	SW	W	W	
8	1	5	SW	W	W	
9	1	5	SW	W	W	
10	1	5	SW	W	W	
11	1	5	SW	W	W	
12	1	5	SW	W	W	
1	1	5	SW	W	W	<p>Middle part light air &amp; cloudy weather</p> <p>Latter part light air &amp; cloudy weather at noon saw the two boats bearing S 8 W 1/2 W</p> <p>No Observation</p>
2	1	5	SW	W	W	
3	1	5	SW	W	W	
4	1	5	SW	W	W	
5	1	5	SW	W	W	
6	1	5	SW	W	W	
7	1	5	SW	W	W	
8	1	5	SW	W	W	
9	1	5	SW	W	W	
10	1	5	SW	W	W	
11	1	5	SW	W	W	
12	1	5	SW	W	W	

H	K	F	Course	Winds	SW	Friday December 15 <sup>th</sup>
1	1	5	SW	W	W	<p>Light Winds &amp; Cloudy weather at 2:45 PM came too in 12 fathoms with the stream anchor Calm - two Brothers in sight bearing S 1/2 S at 3:30 which under way again at 5:15 came too in 11 fathoms Brothers bearing S 1/2 W about 12 miles two ships in light N. East standing to the S. West a strong current to the S. East</p> <p>Middle part thick hazy weather at day light got under way with a light breeze from the N. N. W. at 10:15 where about the two Brothers passed about 3 miles to the West of them</p> <p>Latter part light breeze &amp; hazy weather at 11 AM the North Brother bore N 35 East Distance 5 miles</p> <p>Latitude by 5:16 h. 51.16</p>
2	1	5	SW	W	W	
3	1	5	SW	W	W	
4	1	5	SW	W	W	
5	1	5	SW	W	W	
6	1	5	SW	W	W	
7	1	5	SW	W	W	
8	1	5	SW	W	W	
9	1	5	SW	W	W	
10	1	5	SW	W	W	
11	1	5	SW	W	W	
12	1	5	SW	W	W	



H K F Louisa Winds

Saturday December 16<sup>th</sup>

Commenced with light  
air at 4.30 PM nearly  
calm came too with the  
stream anchor in 1 1/2  
fathoms of water at  
Velas point S 10 East  
two bottles N 10 East  
South Point of Sumatra  
S 10 West Current S E

At midnight light air  
cloudy weather at 4.30  
got under way & stood  
down for the straits  
Wind light & variable  
Heavy

Latitudes past very  
light air & heavy  
Weather dropping  
down with the tide  
at 10 PM North  
Wind came S 40 W  
Distance 5 miles ~

Latitudes by Obs 5.37.5

H K F

Louisa Winds

Sunday December 17<sup>th</sup> 1820

Commenced with light  
air & fair weather  
at 1 PM the pleasant breeze  
from N East at 2.20  
came too with the small  
breeze anchor in 12  
fathoms water between  
the North & South  
Islands North Island  
N 10 East Island off the  
South End of Sumatra  
S 11 West at 5.45 an  
officer came on board  
from the French ship  
Leontine Captain  
Dumaine for Hammond  
Group left Manilla  
Nov 20<sup>th</sup> the  
another French ship  
in company with  
her so called the  
Capt. Lamprun for  
Nore left Manilla Nov  
28<sup>th</sup> the day she left  
the U S Congress  
Frigate arrived there  
from Canton  
Middle past light  
air from the NW  
& pleasant at 6 began  
to leave up at 5.30  
Calm found the sails  
at 7.30 cast the small  
boat for water the  
two French ships the  
at anchor within 1/2  
of a mile of us ~

Latitudes Obs 5.43.3



H K F Course Winds & W Monday December 18<sup>th</sup> 1820

SE W

Commenced with  
bush buxer from  
the SW & soon what  
cloudy weather at  
5.30 PM finish  
filling our water  
from 8 to 12 Cloudy  
with squalls of Rain  
the Wind baffling  
on the Western quarter  
Calm at times

at 3.30 AM began  
to heave up to a  
light breeze from  
WNW

WNW

West

Variable

SW

Latter part fine breeze  
& squally with Rain  
took in & made sail  
on occasion required  
at MK highest part  
of tharvest the way  
bore N 40 E. To a  
point N 12 E Peak  
on Lamerund Id  
N 42 W Peak on  
Crookstone & by W  
the above mentioned  
ships beating out with  
us

Latitude by Obs 5.57 S

H K F Course Winds & W Tuesday December 19<sup>th</sup> 1820

bush buxer & any  
beating for the purpose  
between Crookstone  
& Lamerund Islands  
the french ships in  
company from 8 to 8  
light buxer & squally  
with Rain at 8 having  
a head current came  
too in 22 fathoms  
with the small  
lower Crookstone bearing  
SW by W to W 1/2 N  
the Peak SW by W  
2 West Peak on  
Lamerund Island  
N 1/2 W Current  
N East one knot per  
hour

Middle part moderate  
breeze & Cloudy  
small Rain at 7.30  
the N East tide being  
done began to heave  
up set down the  
Royal yards

Latter part light  
variable air all  
round the Cape  
Crookstone Peak  
8.4 W 1 1/2 mile distant  
Peak on Lamerund  
Island N 2 West  
To 7 W 1/2 N  
No observation



1870

H K F Courses Winds L W Wednesday December 20

Began light variable  
 Winds & Cloudy weather  
 beating through to the  
 passage between Crook  
 & Tammund Is. -  
 At 6 PM Crookaton  
 Peak S 27° E Tammund  
 Island peak N 27° E  
 sea rock N 23 East  
 distance 3/4 of a mile  
 Tammund Is. peak  
 N 72° W at 7 PM  
 Calm a current  
 setting to the N East  
 Cape too with the  
 small lower in 22;  
 fathoms of water  
 at 11.42 a pleasant  
 breeze from the North  
 got under way  
 Midnight calm  
 came too again  
 found the sails  
 at 3.35 the tide  
 in our favour got  
 under way a light  
 breeze from S S W at 4  
 Sailed to the S E East  
 Perry & Calum  
 Crookaton Peak  
 S 50 E 18 miles  
 sea rock S 84 E at  
 just visible from  
 the Deck  
 the French ship under  
 Latitude by Obs 5.57 N

1870

H K F Courses Winds L W Thursday December 21

Light Air / Cloudy  
 at 1.40 a light  
 breeze from the land  
 & Westward set up  
 the Main Mast at  
 2 and between 4 & 5  
 Squally found the  
 light sails at 6.30  
 set the Main top  
 of sails at 6 PM  
 the Peak on Crook  
 S 58 E. Key was S. E.  
 N 68 W from 8 to 12  
 Squally with heavy  
 showers of rain  
 took in & made two  
 as occasion required  
 Mid night cloudy  
 with rain at 10  
 At 11 PM saw Tammund  
 Island the peak  
 N 1/2 W at 2 fine  
 breeze & passing  
 clouds at all  
 Drawing sail  
 at 7 Squally took  
 in all the light  
 sails & hauled up  
 the Main sail  
 at 8.15 set the  
 Main sail & top  
 of sails a squar  
 Big vessel in  
 sight a head stand  
 to the South at 8.35  
 at 11.35 Tackled to  
 the North to  
 enable us to get  
 over the French ship  
 without the cables  
 took the anchors  
 on Deck  
 From Crookaton to Perry  
 weather  
 No Observation

1	0		
2	0		
3	1	Wly S	Sly W
4	1		
5	2	West	Sly S
6	4		
7	3		
8	Calm		
9	3	early W	
10	3	S 1/2 W	
11	2	Wly S	
12	2	West	
1	3	N 1/2 S	
2	3		
3	5	West	
4	5		
5	5		
6	5		
7	5		
8	5	early S	
9	4	S 1/2 W	
10	4	S 3/4 W	
11	3	S 1/2 W	
12	1	Sly W 1/2 W	

Latitude by DR  
 5.43 South  
 Longitude 104.14  
 6.00



1870			1870			1870		
H	K	F	H	K	F	H	K	F
1	2		1	3	2	1	3	2
2	4		2	3	2	2	3	2
3	4		3	3	8	3	3	8
4	4		4	3	9	4	3	9
5	4		5	4	1	5	4	1
6	3		6	3		6	3	
7	2		7	3		7	3	
8	1		8	3		8	3	
9	3		9	3		9	3	
10	6		10	3		10	3	
11	7		11	3		11	3	
12	5		12	3		12	3	
1	2		1	3	5	1	3	5
2	1		2	3	5	2	3	5
3	3		3	3	5	3	3	5
4	8		4	2	5	4	2	5
5	7		5	2	5	5	2	5
6	5		6	2	5	6	2	5
7	1	5	7	2		7	2	
8	12	5	8	2		8	2	
9	1		9	2		9	2	
10	1		10	2	5	10	2	5
11	1		11	2	5	11	2	5
12	1		12	2	9	12	2	9



1820				1820							
H	R	F	Course Winds	SW	Monday December 24 <sup>th</sup>	H	R	F	Course Winds	SW	Monday December 25 <sup>th</sup>
1	3	2	SE 1/2 E	SSW	Commenes with light breezes - pleasant three ships in sight standing to the SE West	1	4		SE at	SE West	Commenes with fine breezes & heavy weather squally in the SE West the three ships in company
2	3	2				2	3	5	SE 1/2 E		
3	3	6				3	4		SE 1/2 S		
4	3	4				4	4		SE		
5	4	1				5	1		SE 1/2 E		
5	4	1	SE 1/2 W		6	3		SE 1/2 E	SE 1/2 W	Middle part light breeze & shower of rain	
6	3		SE W		7	3					
7	3		SE W		8	2		SE 1/2 E			
8	3		SE 1/2 E		9	2		SE 1/2 E			
9	3		SE W		10	1		SE 1/2 E			
10	3		SE W		11	1	5				
11	3		SE W		12	1	5	SE			
12	3		SE W		1	1	7	SE			
1	3		SE W		2	1	7	SE 1/2 W	SE 1/2 S		
2	2	5	SE 1/2 W		3	2		SE 1/2 W			
3	1	5			4	1	7	SE 1/2 W	West		
4	2	5			5			SE 1/2 W			
5	3	5	SE 1/2 E	SE West	6		5	SE 1/2 E			
6	2	5	SE 1/2 E	SE W	7	1	5	SE 1/2 E			
7	2		SE 1/2 E		8	1	5	SE 1/2 E			
8	2		SE 1/2 E		9	1	5	SE 1/2 E			
9	2	5			10			Calam			
10	2	5			11						
11	2	9	SE 1/2 N		12						
2	3										

Course SE 1/2 East  
Distance 56 miles

Latitude by Obs 9° 42' S  
Latitude by DR 9° 37' S  
Longitude 104° 18' East

Latitude by Obs 10° 30' S  
Longitude 104° 28' East  
Course SE 1/2 East  
Distance 53 miles



1876

H	K	F	Course	Wind	Remarks
1	1	6	SSW	West	
2	2				Light at 10:15
3	2		SSW	by W	the ship's beam of the
4	2		South	WSW	for the work in
5	1				compass at 10
6	1	7			from the compass
7			SE	East	the ship's beam of the
8	1	5			the ship's beam of the
9					the ship's beam of the
10			SSW	by W	Middle part calm
11	4	3	SSW		the ship's beam of the
12	3	4	SSW		the ship's beam of the
13					the ship's beam of the
14					the ship's beam of the
15					the ship's beam of the
16					the ship's beam of the
17					the ship's beam of the
18					the ship's beam of the
19					the ship's beam of the
20					the ship's beam of the
21					the ship's beam of the
22					the ship's beam of the
23					the ship's beam of the
24					the ship's beam of the
25					the ship's beam of the
26					the ship's beam of the
27					the ship's beam of the
28					the ship's beam of the
29					the ship's beam of the
30					the ship's beam of the
31					the ship's beam of the
32					the ship's beam of the
33					the ship's beam of the
34					the ship's beam of the
35					the ship's beam of the
36					the ship's beam of the
37					the ship's beam of the
38					the ship's beam of the
39					the ship's beam of the
40					the ship's beam of the
41					the ship's beam of the
42					the ship's beam of the
43					the ship's beam of the
44					the ship's beam of the
45					the ship's beam of the
46					the ship's beam of the
47					the ship's beam of the
48					the ship's beam of the
49					the ship's beam of the
50					the ship's beam of the
51					the ship's beam of the
52					the ship's beam of the
53					the ship's beam of the
54					the ship's beam of the
55					the ship's beam of the
56					the ship's beam of the
57					the ship's beam of the
58					the ship's beam of the
59					the ship's beam of the
60					the ship's beam of the
61					the ship's beam of the
62					the ship's beam of the
63					the ship's beam of the
64					the ship's beam of the
65					the ship's beam of the
66					the ship's beam of the
67					the ship's beam of the
68					the ship's beam of the
69					the ship's beam of the
70					the ship's beam of the
71					the ship's beam of the
72					the ship's beam of the
73					the ship's beam of the
74					the ship's beam of the
75					the ship's beam of the
76					the ship's beam of the
77					the ship's beam of the
78					the ship's beam of the
79					the ship's beam of the
80					the ship's beam of the
81					the ship's beam of the
82					the ship's beam of the
83					the ship's beam of the
84					the ship's beam of the
85					the ship's beam of the
86					the ship's beam of the
87					the ship's beam of the
88					the ship's beam of the
89					the ship's beam of the
90					the ship's beam of the
91					the ship's beam of the
92					the ship's beam of the
93					the ship's beam of the
94					the ship's beam of the
95					the ship's beam of the
96					the ship's beam of the
97					the ship's beam of the
98					the ship's beam of the
99					the ship's beam of the
100					the ship's beam of the

H	K	F	Course	Wind	Remarks
1	3	5	SSW	South	
2	4				the ship's beam of the
3	5				the ship's beam of the
4	5	5			the ship's beam of the
5	4	5			the ship's beam of the
6	3				the ship's beam of the
7	4				the ship's beam of the
8	4				the ship's beam of the
9	3				the ship's beam of the
10	3				the ship's beam of the
11	3				the ship's beam of the
12	3				the ship's beam of the
13	4				the ship's beam of the
14	4	5			the ship's beam of the
15	4	5			the ship's beam of the
16	4				the ship's beam of the
17	5				the ship's beam of the
18	5				the ship's beam of the
19	3				the ship's beam of the
20	3				the ship's beam of the
21	2	5			the ship's beam of the
22	2	5			the ship's beam of the
23	4				the ship's beam of the
24	4				the ship's beam of the
25	5				the ship's beam of the
26	3				the ship's beam of the
27	3				the ship's beam of the
28	2	5			the ship's beam of the
29	2	2			the ship's beam of the
30	2	2			the ship's beam of the
31	2	1			the ship's beam of the
32	2	3			the ship's beam of the

Fine breeze & cloudy  
 weather just the  
 Main Mayal flying  
 jib & Main top  
 mast May sail  
 at 3 PM took  
 in the fore top  
 of sail at 10 at it  
 again

Middle part of the  
 breeze & heavy  
 weather at 8 AM  
 set the Main Mayal  
 & Flying jib

Latter part light  
 winds & heavy  
 weather the ship  
 beam a little  
 way astern  
 of the water compass  
 making a new  
 main sail

Latitude Obs 11.22.5  
 Latitude by DR 11.31  
 Longitude 102.5  
 Calm 5.20.8 till 8.00 am  
 8.42 West







H	T	F	Course	Distance	Time	Remarks
1	5	9	SW	20	10	Commenced with light breeze & pleasant weather at 6.30 took in the Flying jib & main sheet
2	5	9				Midnight fine breeze & hazy clouds at 1.30 with fine rain at 2 nearly calm with heavy shower of rain hauled up the main sail & furl the trisail at 2.30 let them again between 10 & 12 set all the light sails
3	8					
4	8					
5	8					
6	8					
7	7					
8	7					
9	7					
10	7					
11	7	8				
12	6	5	Do -	East		
1	6	7				
2	6	9				
3	6	8				
4	6	5				
5	7	5				
6	6					
7	6					
8	6	2				
9	6	1				
10	6	2				
11	6					
12	6	0				

1891

Latitude Obs 13.18 L

Latitude by DR 13.03

Longitude 99.41 East

Course S 82 East West

Distance 42 miles

Latitude by Obs 13.18 L

Latitude by DR 13.14

Longitude 100.39 East

S 55 West

Distance 41 miles



H	K	F	Course	Wind	W. Direction	Date
1	2	9	W by S	East		1871
2	0	9				
3	7					
4	2	9				
5	1					
6	2					
7	0	5				
8	0	5				
9	7					
10	7					
11	0	8				
12	1	8	Don	Don		
1	5	8				
2	7					
3	2					
4	1	2				
5	0					
6	0					
7	5	8				
8	1					
9	1					
10	1					
11	7					
12	7					

Latitude  $14^{\circ} 58' S$   
 Latitude by  $2^{\circ} 15' 00'' S$   
 Longitude  $95^{\circ} 34' E$   
 Longitude  $2^{\circ} 29' W$   
 Course  $57^{\circ} 10' West$   
 Distance 101 miles

Fine breeze & clear weather from 3 to 7  
 Clouds at 7 cleared off at 10 took in all big lot sails at 11 set them again

At 10 miles lot fine breeze & weather at 2 fresh breeze took in the same  
 At 10 miles lot fine breeze & weather at 2 fresh breeze took in the same  
 At 10 miles lot fine breeze & weather at 2 fresh breeze took in the same

At 10 miles lot fine breeze & weather at 2 fresh breeze took in the same  
 At 10 miles lot fine breeze & weather at 2 fresh breeze took in the same  
 At 10 miles lot fine breeze & weather at 2 fresh breeze took in the same

At 10 miles lot fine breeze & weather at 2 fresh breeze took in the same  
 At 10 miles lot fine breeze & weather at 2 fresh breeze took in the same  
 At 10 miles lot fine breeze & weather at 2 fresh breeze took in the same

At 10 miles lot fine breeze & weather at 2 fresh breeze took in the same  
 At 10 miles lot fine breeze & weather at 2 fresh breeze took in the same  
 At 10 miles lot fine breeze & weather at 2 fresh breeze took in the same



H	K	F
1	6	9
2	5	9
3	5	8
4	5	6
5	6	
6	6	
7	6	
8	6	
9	6	
10	5	
11	5	2
12	5	6
1	5	5
2	6	
3	6	8
4	7	
5	6	8
6	6	4
7	6	2
8	6	5
9	5	2
10	5	8
11	6	6
12	6	8

Course Winds 1871  
W by S 8 East

688

East

East

1871  
Venusian January 3<sup>rd</sup>  
Begins with fine  
breezes & popping  
clouds at 2<sup>nd</sup> 30 at  
the flying jib main  
may all & main top  
of the sail -

Middle & Latter  
part fine breeze  
& popping clouds

Latitude by Obs 15.39  
to 16.36  
Longitude 90.15 East  
Flying 2.50 134  
Course S 75° West  
Distance 171 miles

H	K	F
1	6	4
2	6	8
3	6	2
4	5	7
5	6	5
6	6	5
7	6	5
8	6	8
9	5	4
10	5	5
11	5	5
12	5	5
1	6	
2	6	
3	5	
4	5	
5	5	
6	5	
7	5	
8	5	
9	4	5
10	4	8
11	4	9
12	3	6

Course Winds 1871  
W by S 8 East

W by S 8

W by S

W by S

1871  
January 4<sup>th</sup>  
Fine breeze & weather  
at 3 set the main  
top & the sail -

which part fine  
breeze & cloud  
with small rain  
at 2 took in the  
sail & set the sail  
first the top sail  
at 6 clear the  
the main top & the  
sails at 7 set the  
fore top mast the sail  
without rain

Latter part moderate  
breeze & pleasant  
weather at 12 the  
finished the main  
sail & bent it -

Latitude 17.45  
Latitude 17.24  
Longitude 88.06 East  
Longitude 2.12 W  
Course S 70° West  
Distance 135 miles



			1890		H	K	F					
			Friday January 5 <sup>th</sup>									
1	2	4	Wby S	East	Pleasant breezes	1	4		Course	Winds	SW	Saturday Jan 6 <sup>th</sup> 1891
2	2	8			Weather at 7.31	2	4	5	Wby S	S East		Commenced with
3	3				took in the lower	3	4					gentle breeze & rising
4	3				main top of	4	5					clouds heat a new
5	3				the sails at 8.00	5	5	6				and hope
6	2	5		East	in the fore top	6	5					
7	3	5			the sail cloudy	7	5	9				
8	3			SE	with fine rain	8	5					
9	4				at 10.30 at the	9	5	5				
10	4			SE	main topmast	10	5	6				
11	4	5			the sail	11	4	5				
12	4				the fore topmast	12	4	8				
1	5			East	the sail	1	4	5				
2	4	5			the fore topmast	2	4	5				
3	4				the sail	3	4	2				
4	4	5			the fore topmast	4	5					
5	4	6			the sail	5	5					
6	4	4		SE	the fore topmast	6	5					
7	4	2			the sail	7	5	9				
8	3	8			the fore topmast	8	5	5				
9	3	9			the sail	9	5	8				
10	3				the fore topmast	10	5	6				
11	2	5			the sail	11	5	4				
12	3	2			the fore topmast	12	5	8				
Latitudes by DR 17.36												Latitudes by DR 18.03
Latitude DR 17.325												Longitude DR 86.276
Longitude by DR 86.35												Difference 2.08 West
By long 1.29												Course S 46° West
Course S 79° East												Distance 102 miles
Distance 87 miles												Variation 5° Westerly



1821				1821					
H	K	E	Courses	Wind	H	K	E	Courses	Wind
1	5	8	W by S	SE	1	5	6	W by S	SE
2	6				2	5	2		
3	6				3	5	4		
4	0				4	5	2		SE
5	0				5	6	5		
6	1				6	7			SE
7	7				7	8	8		
8	6	9	W by S		8	6	7		
9	6	4			9	6	5		
10	6	5			10	6	9		
11	7				11	7	5		
12	6				12	6	5		
1	6				1	6	5	Down	Veering
2	6				2	6	5		2 or 3 points
3	5	5			3	6	8		
4	5	5			4	6	8		
5	5	5			5	5	8		
6					6	7			
7		5			7	7			
8	5	7			8	7			
9	5	5			9	7			
10	5				10	7			
11					11	7			
12	5	9			12	7			

Time breezes & phen at 1 PM burst a new main Tophail took in the topst head sails & Royals at 6 set them again ~	Mid night breezes & cloud weather at 10 took in the main Royal & main top mast stay sail 6	Latitud Obs 18.25 Latitud DR 18.20 S Longitud 81.41 East Course S 73 West Distance 148 miles Deviation 3° West
Time breezes & phen Clouds between 1 & 2 set the larboard head sails & Royals at 9 took them in again at 10 Squally with running rain fresh the top of sails & top sail haul up the Main sail ~	Mid night breezes & weather cloudy at 1 set the Main sail at 5 set the top of sails & fore top mast head sail Topsail ~	Latitud Obs 19.29 S Latitud by DR 19.28 Long by DR 79.08 E Longitud by Obs of Mars 75.45 E Long by Chronometer 76.10 Diff long 2.38 Course S 70 West Distance 149.03 Long Distance 158 miles

Time breezes & plan  
at 1 PM burst a  
new main top sail  
took in the top of  
the dials & Ruyals  
at 6 set them  
again

Mid night fine  
breezes & cloudy  
Weather at 10  
took in the main  
Royal & main  
top mast stay sail

Latitudes, first fine  
breezes & pleasant  
Weather with light  
clouds

Latitude Obs<sup>d</sup> 18.35  
Latitude DR 18.20 S  
Longitude 81.41 East  
Course S 73 West  
Distance 148 miles  
Deviation 3° West

Time breezes & plan  
Clouds between 1 & 2  
at the harbour  
the dials & Ruyals  
at 9 took them in  
again at 10 Squally  
with showers of  
rain fresh the  
top of dials & top  
sail haul up the  
Main sail

Mid night brisk  
breezes & Weather  
cloudy at 1 set  
the Main sail at 5  
set the top of  
sails & fore top  
mast stay sail  
Tide sail

Latitude first  
fine breezes &  
pleasant

Latitude Obs<sup>d</sup> 19.29 S  
Latitude by DR 19.28  
Longitude by DR 79.03 E  
Longitude by Obs of  
Mars 75.45 E  
Longitude by Chronometer 76.10  
Difference 2.38  
Course S 70 West  
Distance 149.53 miles  
Deviation 158 miles



[illegible]



H	K	F	Cause	Winds	SW	Thursday Jan 7 <sup>th</sup>
1	7	5	W by S	SE by E		
2	7	5				Common with
3	7	5				fine breeze &
4	7	5				Cloudy weather
5	7	2				
6	7	2				
7	8					
8	7	9				
9	7	3				Midnight fine
10	6					breeze & pleasant
11	7					Weather at 6 A.M.
12	7					Set <del>the</del> Royals &
1	7					top of the sails ~
2	7					
3	7					
4	7					
5	7					Latter part fine
6	6	6				breeze & pleasant
7	7	7				Latitude Obs <sup>d</sup> 21° 30' S
8	7					Latitude by DK 21° 27' S
9	7					Longitude 2° 58' W
10	7					Longitude 67° 45' E
11	6	9				Cause S 72° W
12	6	9				Distance 172 miles
						Deviation 7° West

H	K	F	Cause	Winds	SW	Friday Jan 8 <sup>th</sup>
1	6		W by S	SE by E		
2	6					Fine breeze & happy
3	6					Clouds at 3 took in
4	6					the top of the sails
5	6					at 9 took in the lower
6	6	5				the sail found the
7	6	4				main top mast stay
8	6	8				sail between 10 & 11
9	7					set all drawing sail
10	7	6				
11	7	8	W by S	SE by E		Midnight fine breeze
12	7	6				& happy clouds
1	7	8				
2	7	4				
3	7	2				Latter part fine
4	7					breeze & pleasant
5	7					
6	7					Latitude Obs <sup>d</sup> 22° 07' S
7	7					Latitude by DK 22° 27' S
8	7	5				Longitude 68° 54'
9	7	5				Longitude 2° 51'
10	7	2				Cause S 77° W
11	7	7				Distance 164 miles
12	7	8				Deviation 9° West



H	K	F	Course	Winds	SW Saturday Jan 12 <sup>th</sup> A
1	7		W 1/2 S	SE at	Common with
2	8	5			pleasant breeze &
3	6				weather at 2 PM
4	6				at the fore top of
5					the sail
6	0	2			fine weather till
7	0	3		SE by E	midnight but then
8	4	1			a little cloudy
9	5			E by S	at 20 A.M. took
10	5				in the fore sail
11	4			SE	at 9 at the fore
					top mast the sail
					at 10 took it in again
1	5	5	W by S		
2	2	5			
3	2	6			
4	2		W 1/2 S	South	Letter just received
5	4		W by S		breeze & weather
6	4				the whole company
7	5				making Mate
8	5				
9	4	5			Latitude Obs 22.41 <sup>st</sup>
10	4				Latitude by DR 22.44 <sup>st</sup>
11	3				Longitude 62.54 <sup>st</sup>
12	5	6			Course S 71 W At
					Distance 117 miles
					Deviation 11° West

H	K	F	Course	Winds	SW Sunday January 13 <sup>th</sup>
1	5		W 1/2 S	South	Common with
2	5	2			pleasant breeze
3	4	4	West		weather at 6 took
4	4	8	W 1/2 N		in the fore sail
5	6		West		
6	6	2			
7	6	5			
8	6	3	W by S		
9	6	2			Midnight fine
10	6	1			breeze & sailing
11	6				clouds at 5 at the
12	6				fore sail
1	5				
2	5				
3	5				
4	4				
5	3	5			Letter just received
6	3	5			
7	3				Latitude by Obs 22.58 <sup>st</sup>
8	3				Latitude by DR 23.26 <sup>st</sup>
9	3				Longitude 60.41 <sup>st</sup>
10	3		W 1/2 S		Course S 82 E At
11	4				Distance 125 miles
12	4				Deviation 12° West



H K I			Course	Winds	Monday January 15th	H K I			Course	Winds	Tuesday January 16th
1	5		W by S	South	Common with fine clouds & rising clouds at 2 PM look in the light sails at 5 sent down the Mayal yards & mast a little cloudy at 7.30 fine pleasant weather with very steady winds but the fore top mast had sail flying off Middle part plumes blown & weather at 5 all the carbons had sails at 7 sent up the main topmast & yard at the top End of the	1	5		W by S	SE	Common fine clouds & pleasant weather  Mid night fine breeze & rising clouds at 2.30 took in the lower had sail at 5 sent it again  Latter part plumes blown & weather  Latitude by obs 24.19 Latitude by DR 24.10 Longitude 56.58 E Course S 59 West Distance 76 miles Variation 14° West
2	5					2	5				
3	6	5				3	4				
4	7			SE by S		4	5				
5	7					5	5				
6	7					6	6				
7	7					7	6				
8	7					8	5				
9	7					9	5				
10	6	6				10	5				
11	6	6				11	4				
12	6	6				12	4				
1	6	6	Down		1	4					
2	6				2	5					
3	5				3	4		SE			
4	4				4	3	8	Latter part plumes blown & weather  Latitude by obs 24.19 Latitude by DR 24.10 Longitude 56.58 E Course S 59 West Distance 76 miles Variation 14° West			
5	4				5	2	8				
6	3				6	2	8				
7	3				7	2	8				
8	3				8	2					
9	4				9	2					
10	4	5			10	2					
11	5				11	3	5				
12	5				12	3	5				



H	K	F	Course	Winds	Time
1	3		W. S	ESE	Monday Jan 17 <sup>th</sup>
2	2	8			Common with
3	2	5			light breezes & calm
4	2	8			Weather at 5 not
5	3				the Harbort kept
6	2	8			the sails
7	2	5			
8	2	8			
9	3		West	East	
10	4				Middle part as low
11	4				at 4 p.m. ship
12	3	5			at the third sails
1	3	5			on the Caribout
2	2	5			side
3	2	5			
4	2	6			Latton part as low
5	2	6			Winds & smooth sea
6	2				pleasant weather
7	3				Latitude Obs 24° 39' S
8	3				Latitude D. P. 24° 41' S
9	3				Longitude 55° 42' W
10	2	8			Longitude 1° 13' W
11	3				Course S 45° W
12	3	3			Distance 70 miles
					Variation per
					Azimuth 16° West

H	K	F	Course	Winds	Time
1	3		West	East	Tuesday Jan 18 <sup>th</sup>
2	2	7			Begin by lat Winds
3	2	5			
4	2	8			
5	3				
6	2	8			
7	2				
8	3				
9	2				
10	2				
11	2	3			
12	2	5			
1	2	1			
2	2	7			
3	2	5			
4	2	5			
5	2				
6	2				
7	1				
8	2				
9	3	4			
10	4	6			
11	4				
12	4	7			

Latton part as low  
 60 miles  
 Latitude Obs 24° 39' S  
 Latitude D. P. 24° 41' S  
 Longitude 55° 42' W  
 Longitude 1° 13' W  
 Course S 45° W  
 Distance 60 miles  
 Variation per  
 Azimuth 16° West



H	K	P	Cause	Wind	Dir	Time	Dir	Time
1	2	5	West	S East				
2	3							
3	4	2						
4	5	5		East				
5	5	3						
6	5							
7	5							
8	5	3						
9	6	3	W 1/2 S	E 1/2 N				
10	6	3						
11	6	3						
12	6	6						
1	4	5	West					
2	4							
3	5							
4	5	1						
5	6	5						
6	6	5						
7	6							
8	5	8						
9	5							
10	5							
11	5	2						
12	5	3						
124								

Low water in mud with  
 lower 1/2 of land  
 at 3 at the Mark  
 Main top of the land  
 front to the land  
 to the land  
 from land to the  
 at

the land front sandy  
 at 3 at the Mark  
 the land front sandy  
 weather with rain  
 at 4:30 just the  
 of the land front  
 at 8:00 all drawing  
 sail

weather front sandy  
 clouds with rain  
 No observation  
 Latitude by D.R. 25.43  
 Longitude 71.09 West  
 Longitude 52.74 East  
 Course 71 W  
 Distance 124 miles  
 Deviation 18° West

H	K	P	Cause	Wind	Dir	Time	Dir	Time
1	4	8	West	East				
2	5	5						
3	5	5						
4	5	8						
5	5							
6	4							
7	5	9						
8	5	5						
9	5	5						
10	5	8						
11	6							
12	6							
1	6							
2	6							
3	6							
4	6	5						
5	5	5						
6	5							
7	5							
8	5							
9	6							
10	5	6						
11	6							
12	6							

Low water in mud with  
 lower 1/2 of land  
 the wind blowing  
 from the land  
 to the other side  
 ship & the land  
 the sail or occasion  
 required

Middle part of  
 breeze & pleasant  
 weather with shower  
 of rain squally  
 at times

Latter part of  
 breeze & pleasant  
 all drawing sail  
 at  
 The Watch Commander  
 making a topmast &  
 topmast head sail  
 No observation

Latitude by D.R. 26.27  
 Longitude 2.20  
 Longitude in 50.046  
 Course 71 W  
 Distance 135  
 Deviation 19° West



H	K	F	Course	Wind	Day
1	2	5	West	East	Sunday January 21 <sup>st</sup>
2	2				
3	4	2			
4	5	5			
5	5	3			
6	5				
7	5	3			
8	5	3			
9	5	3			
10	6	3			
11	6				
12	5	6			
1	4	5			
2	4				
3	5	7			
4	5	5			
5	6	5			
6	6				
7	6				
8	5	8			
9	5				
10	5				
11	5	2			
12	5	3			

Commenced with  
fine breeze & clear  
weather at 2 PM  
Cloudy

Middle part brisk  
breeze & fresh in  
clouds at 2 PM  
in the night  
stud sails at 9 AM  
took in the main  
top mast the sails  
at 11 AM foreward

Lighter part brisk  
breeze & fresh  
clouds

Latitude by DR 27.063  
Latitude by DR 27.24  
Longitude 48.156  
Longitude 2.464  
Course S 89 W  
Distance 15.9 miles  
Variation 21 N  
Azimuth 21 N

15.9 miles distance  
the knots & fathoms  
are not down any

H	K	F	Course	Wind	Day
1	2	2	West	East	Monday January 22 <sup>nd</sup>
2	7	1			
3	6	7			
4	6	5			
5	7	7			
6	8				
7	7				
8					
9	7				
10					
11	6				
12		5			
1		6	W N W		
2	7	8			
3	7	3			
4	7				
5	6				
6	6				
7	5				
8	5				
9	5				
10	5				
11	5				
12	6				

Brisk breeze & pleasant  
weather at 2 PM set  
the main top  
stud sail at 10 took  
it in again at 10.45  
set the top sail &  
main sail

6.4 PM  
6.18

Middle part brisk  
breeze & cloudy  
at 5 AM set the  
main royal fore  
& main top  
stud sails  
gib in

Lighter part  
breeze & cloudy  
No observation  
Latitude by DR 27.36  
Longitude 45.286  
Longitude 2.5014  
Course S 48 W  
Distance 16.5 miles  
Variation 22 N



1871

No	Lat	Long	Course	Distance	Variation
1	4	5	W 1/2 N	NE East	
2	4				
3	4				
4	4	5			
5	3	5			
6	3		North		
7	4				
8	3				
9	3		NNE		
10	3				
11	4		N 1/2 S	E NE	
12	4	5	West		
1	5	1			
2	6	2			
3	7	3			
4	7	5			
5	7	8			
6	7	5			
7	7				
8	7				
9	7				
10	7				
11	7				
12	7				

Latitude by  $\Delta R$  28.25  
 Longitude by  $\Delta R$  42.18 East  
 Distance 69 miles  
 Variation 25. North

No	Lat	Long	Course	Distance	Variation
1	5				
2					
3	3				
4	4				
5	3				
6	3				
7	3				
8	2	5			
9	2	5			
10	2	6			
11	2				
12	3				
1	2	6			
2	2	6			
3	2	8			
4	2				
5	2	5			
6	3	6			
7	3	3			
8	3	3			
9	3				
10	3				
11	3	2			
12	3	2			

Latitude by  $\Delta R$  28.38  
 Longitude by  $\Delta R$  42.03 East  
 Distance 69 miles  
 Variation 24. North







H	K	F	Course	Wind	Time
1	2	5	W by S	6 SE	10
2	2	5			
3	3	1			
4	4	2			
5	5	6	East		
6	5	7			
7	5	1			
8	5	3	East		
9	6	5			
10	6	5			
11	6	2			
12	6		W by S		
13	6				
14	6				
15	6				
16	6				
17	7				
18	7				
19	7				
20	7				
21	7	8			
22	7	8			
23	7	5			
24	6	4			

Begins with moderate  
 breeze & pleasant weather  
 at 8.30 first the fore  
 sail at 10 the main  
 at the shadow of the  
 sails light wind in  
 the NW West  
  
 Midnight fine breeze  
 smooth sea & fair  
 weather at 7 det the  
 fore top & sail at  
 8 further the fore reef  
 split the sail & set  
 down the yard  
  
 Latter part fine breeze  
 considerable sea & strong  
 weather  
 Latitude by obs 31.31 S  
 Longitude by obs 31.00 W  
 Longitude 32.32 East  
 Longitude 2.13  
 Course S 53 West  
 Distance 143 miles  
 Variation 28° West

H	K	F	Course	Wind	Time
1	6	6	W by S	SE	10
2	6	6			
3	5	8			
4	5	3	W by S		
5	4	2			
6	4	2	W by E		
7	3	5	W by E		
8	2				
9	2		East		
10	4	5	North		
11	6	5			
12	5	5			
13	3				
14	1		W by N		
15	1		W by N		
16	1		West		
17	1				
18	1	5	W by S	SE	
19	1	5			
20	1				
21	3	8	East		
22	3	8	W by E		
23	3	4			
24	3				

Continues with brisk  
 breeze & blowing with  
 heavy shower of rain  
 at 4 the fore  
 the shadow of the  
 appears at 7.30  
 det the main top  
 top & sail & haul up  
 the main sail with  
 the fore reef  
 from the main  
 at 9 det the main sail  
 the top & sail  
 Midnight moderate  
 breeze & clear  
 heavy shower of rain  
 at 11.30 first the fore  
 top & sail & haul  
 up the main sail  
 at 2 A.M. the fore  
 sails to the South  
 at 7 a gentle breeze  
 from the NE & ahead  
 det all & haul  
 a light sea with  
  
 Latter part as above  
 Latitude Obs 32.13 S  
 Longitude 31  
 Longitude  
 Longitude  
 Course  
 Distance  
 Variation 28° West



H R L				H R L				H R L			
1	5			1	4	5		1	4	5	
2	3	7		2	4			2	4		
3	3			3	4			3	4		
4	1	2	6 16	4	3			4	3		
5	3	5		5	2	5		5	2	5	
6	3			6	1	8		6	1	8	
7	3	5		7	1	8		7	1	8	
8	5	7		8	2	5		8	2	5	
9	5	5		9	3			9	3		
10	5	5		10	3	4		10	3	4	
11	2	2		11	3	4		11	3	4	
12	2	4		12	3			12	3		
1	3			1	3			1	3		
2	3			2	4			2	4		
3	4			3	5			3	5		
4	3			4	4	0		4	4	0	
5	1			5	4	4		5	4	4	
6	1	5		6	4			6	4		
7	2	5		7	4			7	4		
8	4			8	4			8	4		
9	1	4		9	4	8		9	4	8	
10	3			10	3	4		10	3	4	
11	3			11	3	2		11	3	2	
12	2	4		12	3	2		12	3	2	

Tuesday January 30th

Begins brisk snows & bloody at 2 pm in ship to the Eastward standing to the East at 5.20 let the reefs out of the top sails at the Main top sail at 5. Tackled to the N + Westward at 12 Tackled to the Southward the Main top sail

Middle part brisk snows & passing clouds showers of rain at 8.45 double reef the fore top sail & single reef the Main on Fresh gale considered to be a passing cloud

Latitude by obs 33.312  
 Latitude by bar  
 Longitude  
 Declination  
 Course  
 Distance  
 Variation 27° West



H	K	F	Course	Wind	Time	Day	Month	Year
1	3		Light	W	10			
2	3		Light	W				
3	4		Light	W				
4	5		Light	W				
5	3		Light	W				
6	2		Light	W				
7	2		Light	W				
8	2		Light	W				
9	2		Light	W				
10	2		Light	W				
11	1		Light	W				
12	5		Light	W				
1	5		Light	W				
2	1		Light	W				
3	1		Light	W				
4	1		Light	W				
5	1		Light	W				
6	1		Light	W				
7	1		Light	W				
8	1	5	Light	W				
9	1	7	Light	W				
10	1	8	Light	W				
11	2	8	Light	W				
12	2	8	Light	W				



H	K	V	Compass	Wind	Day	February 27-1881	H	K	V	Compass	Wind	Day	February 28
1	3	5	NE	18			1	3	7	NE	18		
2	3	0					2	3	7	NE			
3	3	4	NE				3	3	8	NE			
4	3	2					4	3	2				
5	4						5	4	2				
6	3		NE				6	3	2	NE			
7	2						7	2	1				
8	2						8	2	1				
9	1		NE	176			9	1		NE			
10	1						10	1		NE			
11	1						11	1		NE			
12	1	7					12	1	5	NE			
1	1	5					1	1	4	NE			
2							2		4				
3	2	5					3	2	4				
4	1	5					4	1	4				
5	2						5	2	5				
6	3						6	3	3				
7	3	5					7	3	4				
8	4	5					8	4	5				
9	4	2					9	4	5				
10	5	5					10	5	3				
11	6						11	6	3				
12	6	9					12	6	5				
73	9												



H	K	F	Compass	Wind	Remarks
1	6		West	Light	Commenced with fine breeze, passing along at 30. at 10 took in the larboard & head sails at 8 fathoms the main at 9 took in the head sail.
2	6	9			
3	6	7			
4	6	9			
5	7	3			
6	7	3			
7	7	2			
8	7	3	West		
9	7	3			
10	7				
11	7				
12	7				
1	7				
2	7				
3	7				
4	7				
5	7		West		
6	7	3	West		
7	7	3	West		
8	7				
9	7				
10	7				
11	7	2			
12	7	2			

Middle part strong breeze & cloudy with small showers of rain at 6 set the lower & fore topmast & head sail.

Latter part fine breeze & part of weather.

Latitude of 33° 34' 28" S  
 Longitude 61° 17' 55" E  
 Difference of longitude 3.07 mts  
 Course N 75 W  
 Distance 170 miles  
 Variation 28° North  
 The Chronometer has shown from 35 to 20 miles per day for 3 days & this day allowed 43 miles Westing Current.



H	K	F	Course	Time	Remarks
1	6	8	4 N 10 W	12 6	
2	6	9			
3	7	5			Commenced with
4	7	3			fresh breeze & heavy
5	7	3			weather at 5 o'clock
6	7	3			in the forenoon
7	8				
8	8	4	4 N 10 W		
9	8				
10	6				at 5 o'clock
11	7				at 5 o'clock
12	7				at 5 o'clock
1	8				
2	8				
3					
4	8				
5	8				
6	8				
7	6				
8	6				
9	6				
10	6				
11	6				
12	7				

16 1/2  
 length  
 16 1/2

Latitude 32° 27' S  
 Longitude 151° 11' 8"  
 Distance 26 miles  
 Variation 26° West

H	K	F	Course	Time	Remarks
1	6	8	4 N 10 W	12 6	
2	6	7			
3	7				Commenced with
4	6	8	4 N 10 W		fresh breeze & heavy
5	6	8			weather at 5 o'clock
6	7	2	4 N 10 W		in the forenoon
7	7				
8	7				
9	7				
10	6				at 5 o'clock
11	6				at 5 o'clock
12	6				at 5 o'clock
1	5				
2	5				
3	1				
4	6				
5	6				
6	7				
7	7				
8	7	2			
9	7	4			
10	7	8			
11	6	8			
12	6	5			

Middle part from bows  
 thick clouds & weather  
 at 5 o'clock  
 at 5 o'clock stay sail  
 at 5 o'clock stay sail  
 at 5 o'clock stay sail

Bottom part from  
 bows & thick clouds  
 weather all day  
 sail set

Latitude 30° 36' S  
 Longitude 151° 52' 8"  
 Distance 168 miles  
 Variation 25° West



[illegible]



H	K	F	Comms	Day	Notes
1	6	6	NNW 1/4 N	8 5 6	Saturday February 10 <sup>th</sup>
2	6	5			Begin from base
3	6	8			Cloudy weather
4	6	8			a ship in sight
5	7				the 11 standing to
6	6				the 1st of the land
7	7				
8	6				
9	7				Middle part as
10	7				above at 9 <sup>h</sup> 30
11	6				the ship with three
12	7				of 1 for London
					two months from
1	7	5			calcutta
2	7	5			
3	8	2			Latter part of the
4	8	5			braves & cloudy weather
5	7	3			employed the day
6	7	4			the anchors
7	7	5			Latitude Obs 20.28 S
8	7				Lat 20
9	7				Longitude
10	6	4			Distance
11	5	5			Comms
12	5	8			Variation 23 Westward

Heaving two or three pounds

H	K	F	Comms	Day	Notes
1	5	5	NNW 1/4 N	8 5 6	Sunday February 11 <sup>th</sup>
2	5	4			
3	5	2			
4	5	3			
5	5	3			
6	6	2			
7	6	3	NNW		Common
8	6	3			continues to all
9	7				the 24 hours from
10	7				braves & cloudy
11	7				weather
12	7				the ship out of sight
1	6	5			
2	6	6			
3	6				Latitude Obs 23.46 S
4	6				Latitude 21 E
5	6				Longitude
6	6				Longitude
7	5				Comms
8	5	5	NNW 1/4 N	8 5 6	Distance
9	5	6			Variation 22 Westward
10	5	2			
11	4	5			
12	4	5			



H	K	F	Course	Wind	Day	Month	Year	H	K	F	Course	Wind	Day	Month	Year
1	5		SW 1/2 W	SE 8	Monday	February	12	1	4		SW 1/2 W	SE 8	Tuesday	February	13
2	5							2	5						
3	5	5						3	5	5					
4	5	7						4	5	5					
5	6							5	5						
6	5							6	5						
7	5							7	5						
8	6							8	5	3					
9	5							9	5	5					
10	5	5						10	5						
11	4	9						11	6	5					
12	4	5						12	6	5					
1	4							1	6	5					
2	4							2	7						
3	4	6						3	7						
4	4	6						4	6	8					
5	5	5						5	6	2					
6	5							6	6	7					
7	5							7	6	5					
8	5	5						8	6						
9	5	8						9	6						
10	4	8						10	5	7					
11	4	7						11	6						
12	3							12	6						



H K F

1	6	5
2	5	8
3	5	5
4	5	5
5	6	4
6	6	4
7	6	5
8	6	5
9	6	5
10	6	8
11	6	5
12	6	5

1	6	
2	6	5
3	6	5
4	6	
5	6	
6	5	6
7	5	8
8	6	5
9	6	
10	7	
11	6	2
12	6	3

150 miles

Courtesy Windy LM Wednesday February 14th  
NNW 1/2 N 28 by 3

Begins fine breezes  
& Cloudy Weather  
Variation for Azimuth  
21° West by

Middle part fine  
breezes & thick Cloudy  
Weather at 9 A.M.  
small shower of Rain  
at 10.30 look in the  
top of the sails -

Latter part fine  
breezes & rising clouds  
all hands employed  
clearing out the bottom  
Decks for crew &  
Water started 2 cuts  
1/2 ton hogs head

Latitude by obs 19.255  
Latitude D R  
Longitude  
Diff longitude  
Course  
Distance  
Variation 21° West by

28 1/2 E

H K F

1	6	8
2	5	8
3	4	9
4	4	9
5	5	9
6	5	
7	6	8
8	6	8
9	6	5
10	6	
11	5	
12	5	

1	5	8
2	6	5
3	6	5
4	5	3
5	6	8
6	6	5
7	6	5
8	6	8
9	6	
10	6	
11	6	5
12	6	8

Courtesy Windy LM Thursday February 15th  
NNW 1/2 N 28 by 3

Common with fine  
breezes & rising clouds  
at 3 P.M. let the top  
of the sails -

0.00  
NNW

Middle part fine  
& Cloudy small showers  
of Rain at 5.30 gently  
look in the light sails  
at 6.30 let them again

Breezes fine breezes &  
Cloud small showers  
of Rain

Latitude Obsd 17.45 South  
Latitude D R  
Longitude  
Diff longitude  
Course  
Distance  
Variation 20° West by



H	K	F	Course	Winds	Time	Friday 16 <sup>th</sup> 1821
1	6			NW 1/2 W		
2	5					
3	4					
4	4	9		NW 1/2 W		
5	5					
6	5	7				
7	6					
8	6					
9	6					
10	6					
11	5	4				
12	5	7				
1	5	8				
2	6	5				
3	6	5				
4	5	3				
5	6	5				
6	6	5				
7	6	8				
8	5					
9	5	2				
10	5	2				
12	5					

Course Winds L<sup>th</sup> then Friday 16<sup>th</sup> 1821

Line course is cloudy  
Weather small amount  
of rain

88 by 6

Latitude 12° 30' N  
Longitude 71° 34' W  
Distance 135 miles  
Variation 19° West

Latitude 12° 30' N  
Longitude 71° 34' W  
Distance 135 miles  
Variation 19° West

H	K	F	Course	Winds	Time	Saturday 17 <sup>th</sup> 1821
1	6			NW 1/2 W		
2	5	5		NW 1/2 N		
3	5	7				
4	5	2				
5	4					
6	3	3				
7	4	5				
8	4	8				
9	4	8				
10	6					
11	6					
12	5					
1	5			NW 1/2 N		
2	4	7				
3	4	8				
4	4	7				
5	4	5				
6	4	5				
7	4	5				
8	5	8				
9	5	4				
10	5					
11	5	7				
12	5	8				

Course Winds L<sup>th</sup> then Saturday 17<sup>th</sup> 1821

Line course is cloudy  
Weather small amount  
of rain

at 3 set the fore  
Royal Main top  
Sail at 4 furl  
the head sails set the  
Carbowt and sails  
the Wind off

Latitude 12° 30' N  
Longitude 71° 34' W  
Distance 135 miles  
Variation 19° West

Latitude 12° 30' N  
Longitude 71° 34' W  
Distance 135 miles  
Variation 19° West



H	K	F	Course	Wind	Day	1821
1	5		NW 1/2 N	SE 1/2 S	Monday	February 18 <sup>th</sup>
2	4	5				
3	4	5				
4	5					
5	5					
6	5	8				
7	5	8				
8	5					
9	5					
10	6	8				
11	5	5				
12	5	4				
1	5					
2	5					
3	5	5				
4	5	5				
5	6					
6	5	6				
7	6	7				
8	6	8				
9	5	3				
10	5	2				
11	5	5				
12	5	5				

caring two or three miles from

Gentle Breeze  
cloudy weather  
all day  
6 bars of pressure

Latitude Obs. 13° 41' S  
by 16/3-22 S  
Longitude 9° 00' West  
by 10/49 West  
Course N 55 West  
Distance 109 miles  
Variation 16° West by

H	K	F	Course	Wind	Day	1821
1	5		NW 1/2 N	SE 1/2 S	Monday	February 19 <sup>th</sup>
2	5					
3	5					
4	5	5				
5	5	5				
6	5	3				
7	5					
8	5					
9	5	3				
10	4	5				
11	4	5				
12	5					
1	4	8				
2	4	8				
3	4	8				
4	4	7				
5	4	9				
6	5	5				
7	5	5				
8	5	5				
9	5	5				
10	5					
11	5	2				
12	4	8				

Common with  
pleasant breeze &  
weather all day  
Jail set

Middle part cloudy  
with small rain

Bottom part pleasant  
breeze & peeping clouds  
Employed scrubbing  
& grinding paint

Latitude by Obs. 12° 48'  
Latitude by S.R. 12° 40'  
Longitude 10° 48' West  
by Longitude 1° 42'  
Course N 55 West  
Distance 121 miles  
Variation 16° West by



H	K	V	Course	Wind	Day
1	4	5	NW 1/2 N	SE 1/2 S	Tuesday February 21
2	5				
3	4	5			
4	5	6			
5	4	8			
6	4	7			
7	5	5			
8	5				
9	6				
10	6				
11	6				
12	6				
1	6				
2	5	5			
3	5	5			
4	5	3			
5	5	4			
6	6				
7	5	8			
8	5	8			
9	5	8			
10	5	5			
11	5	6			
12	6	2			

*Commons*  
*fine breeze & cloudy*  
*Weather all day*  
*Wind set*  
  
*Middle part as above*  
  
 *Latter part fine*  
*breeze & cloudy*  
*Employed painting*  
*Ship*  
*Latitude Obs<sup>d</sup> 15° 38' S*  
*Latitude D.R. 11° 32' S*  
*Longitude 12° 43' W*  
*Difference of longitude 1° 55' W*  
*Course N 55° W*  
*Distance 102 miles*  
*Variation 15° West*

H	K	V	Course	Wind	Day
1	5	4	NW 1/2 N	SE 1/2 S	Wednesday February 22
2	5	4			
3	5	5			
4	6	2			
5	5	8			
6	5	5			
7	6				
8	6	2			
9	6	5			
10	6	5			
11	6	5			
12	6	5			
1	6	5			
2	6	5			
3	6	5			
4	6				
5	6				
6	6				
7	7				
8	7				
1	6		NW 1/2 N		
10	7				
11	7	3			
12	6	8			

*Begins fine breeze*  
*& cloudy weather*  
  
*Middle part pleasant*  
*Weather at 4<sup>00</sup> 30*  
*Land at 7.20 a*  
*small showers of*  
*rain*  
  
 *Latter part fine*  
*breeze & pleasant*  
*Weather. The whole*  
*Employed painting*  
*Ship & other Bbs*  
  
*Latitude Obs<sup>d</sup> 10° 21' S*  
*Latitude D.R. 10° 16'*  
*Longitude 14° 48' West*  
*Difference of longitude 2° 5' W*  
*Course N 55° West*  
*Distance 148 miles*  
*Variation 14° West*



H	K	F	Course	Wind	Day	22 <sup>nd</sup>
1	7		NW	at		
2	7					
3	7					
4	7					
5	6					
6	7	5				
7	7	2				
8	7	8				
9	7	2	NW			
10	7	3				
11	6	3				
12	7					
1	7					
2	7					
3	6	8				
4	6	5				
5	6	5				
6	6	4				
7	6	5				
8	6					
9	6	5	NW			
10	6	5				
11	6	3				
12	6	7				

Begins fine breeze  
 of pleasant weather  
 at 8 fresh breeze &  
 sets in the light  
 and sails  
  
 Middle part pleasant  
 breeze & weather  
 set the top of the  
 sail at 8:30 took  
 in the larboard  
 and sails  
  
 Latter part fine  
 breeze & pleasant  
 weather the watch  
 employed painting  
 the Chronometer  
 shows 38 miles West  
 Current the last 2 days  
 Latitude 8° 9' 10" S  
 Longitude 8° 53' S  
 Longitude 17° 04' West  
 Longitude 2° 10' W  
 Course No 6 West  
 Distance 161 miles  
 Deviation 14' West

H	K	F	Course	Wind	Day	23 <sup>rd</sup>
1	6	5	NW	at		
2	6	4				
3	6	4				
4	6	2				
5	6	5				
6	6	5				
7	7					
8	7					
9	6	3				
10	6	5				
11	6	8				
12	6					
1	7					
2	6	5				
3	6	8				
4	6	5				
5	6					
6	5	5				
7	5	7				
8	6					
9	6					
10	6					
11	5	8				
12	5	4				

Fine breeze  
 weather all day  
 sail set  
  
 Middle part small  
 breeze of rain  
  
 Latter part fine breeze  
 pleasant weather  
 employed painting  
 ship  
  
 Latitude 8° 15' 7" 18 South  
 Latitude 8° 16' 39 South  
 Longitude 19° 08 West  
 Longitude 2° 04 W  
 Course No 3 West  
 Distance 152 miles  
 Deviation 14' West



H	K	F	Course	Winds	Time	Day	H	K	F	Course	Winds	Time	Day
1	5	7	NW	1867	Saturday	Feb 24	1	5		NW	1867	Sunday	Feb 25
2	5	8					2	5					
3	6						3	5					
4	6						4	4	5				
5	5						5	4	2				
6	5	5					6	4					
7	5	6					7	4					
8	5	8					8	4					
9	5	4					9	4					
10	6	8					10	4					
11	5	8					11	3					
12	5	3					12	4					
1	5	5					1	3					
2	5						2	3	5				
3	4	5					3	3	5				
4	5	5					4	3	5				
5	5	4					5	3					
6	6						6	3					
7	6	5					7	4					
8	5	3					8	3					
9							9	3					
10	5	7					10	3	8				
11	5	3					11	3	5				
12	4	5					12	3					

Pleasant breeze  
 & weather through  
 the 24 hours  
 The Watch Engine  
 painting ship

1867

Latitude 36° 5' 34.5  
 Latitude D R 6° 26' 30  
 Longitude 26° 54' W  
 Diff Longitude 1° 46' W  
 Course N 52° West  
 Distance 105 miles  
 Variation 13° West

Sheet

Pleasant breeze &  
 weather through  
 the 24 hours  
 The Watch Engine  
 painting ship

Latitude 36° 5' 34.5  
 Latitude D R 6° 26' 30  
 Longitude 26° 54' W  
 Diff Longitude 1° 46' W  
 Course N 52° West  
 Distance 90 miles  
 Variation 11° West  
 per Azimuth



Hour	Lat	Long	Course	Wind	Time	Hour	Lat	Long	Course	Wind	Time
1	3	8	NW 1/2 N	1867 1/2		1	5		NW 1/2 N	1867 1/2	
2	3	0				2	5	4			
3	4	5				3	5	2			
4	3	5				4	5	3			
5	3					5	5				
6	3	5				6	5				
7	3	5				7	5				
8	3	5				8	5	8	NW 1/2 N	1867 1/2	
9	3	5				9	5	8			
10	3	5				10	5	7			
11	3					11	5	7			
12	3					12	5	5			
1	3					1	5	5			
2	3					2	5	6			
3	3					3	5				
4	3					4	5				
5	3					5	6				
6	3					6	6				
7	3					7	5				
8	4	8				8	5	7			
9	2					9	5	5			
10	3	5				10	5				
11	3					11	5				
12	4					12	5	5			



H	K	F	Courses	Winds	Day
1	4	2	NW by W	East	Wednesday Feb 28 <sup>th</sup>
2	3	7			
3	4	3			
4	4	2			
5	4				
6	3				
7	3	9			
8	4	5			
9	4	2			
10	4	5			
11	4	8			
12	4	2			
1	3				
2	3	7			
3	3	8			
4	3	5			
5	4				
6	4				
7	5				
8	5				
9	5	5			
10	5	5			
11	5	6			
12	5	5			

Fine breeze & pleasant weather

28th

Middle part cloudy at 2 took in the Carboat & the sails thrown up

29th

Later part clear breeze & weather & up & letting up rigging

30th

Latitude Obs 2.21  
 Latitude D R  
 Longitude  
 Distance  
 Variation 9° W

H	K	F	Courses	Winds	Day
1	4	5			Thursday March 1 <sup>st</sup> 1821
2	4	7			
3	4	5			
4	5				
5	5	2			
6	5	4			
7	5	2			
8	5	5			
9	5	5			
10	4	8			
11	4	4			
12	4	5			
1	5				
2	4	7			
3	4	6			
4	4	6			
5	4	5			
6	4	4			
7	4	4			
8	4				
9	5				
10	5				
11	5				
12	5				

Fine breeze & weather & took in the Carboat & the sails at 11. Equally apparent took in all the the sails at 1 set the maintop & main top & the sails at 1.30 at 10 set all down ing sail

Later part equally with main took in the the sails

Observation  
 Latitude by Obs  
 Latitude by D R  
 Longitude  
 Distance  
 Variation 8° W

West



H K F			Course Wind	Day	Month	Year	H K F			Course Wind	Day	Month	Year
1	6	5	NW 208	Friday	March	1821	1	3		NW 208	Saturday	March	1821
2	4	5	NW 208				2	2					
3	2		NNW	Commenced with fine breeze & clear weather till 1.15. At 1.15. took down sail.			3	1	5		Begin to blow pleasant weather at 5 took in the 1 <sup>st</sup> & 2 <sup>nd</sup> sail.		
4	1		NNW				4	1	2				
5	1	5	NW 208				5	1	2				
6	1						6	1			Middle part pleasant at 8 set the fore top mast 1 <sup>st</sup> & 2 <sup>nd</sup> sail.		
7	2	7	NW 208				7	1	5	NW 208			
8	3	4	NW 208				8	1	5	NNW			
9	2	2		Middle part lighter winds & some wh. clouds at 6 A.M. set the fore top 1 <sup>st</sup> & 2 <sup>nd</sup> sail Main top mast May sail.			9	2		NNW	Latter part as above considerable swell from the North.		
10	2	6					10	2	4	NW 208			
11	2						11	2	7				
12	1			Latter part mod. breeze & pleasant weather.			12	2	8		Latitude Obs. 00. 44.8	Latitude D.R.	
1	1	8					1	2	6	NW 208			
2	1	8					2	2	5		Longitude D.R. Longitude Course Distance	Variation 8° Westly	
3	2			Latitude Obs. 00. 11.5			3	2	3				
4	3						4	2	4				
5	3	2					5	2	2				
6	3	5		Latitude D.R.			6	4			Longitude D.R. Longitude Course Distance	Variation 8° Westly	
7	3	2					7	3	5	NW 208			
8	3	8					8	3	5	NW 208			
9	3			Longitude			9	3		NNW	Longitude D.R. Longitude Course Distance	Variation 8° Westly	
10	2						10	2	5	NNW			
11	3						11	2					
12	3			Distance			12	3					

63



H	K	F	Course	Winds	Monday March 4 <sup>th</sup> 1821	H	K	F	Course	Winds	Tuesday March 5 <sup>th</sup> 1821
1	2		NNW	N 8 by E		1	2		NNW	N 8 by E	
2	1	5				2	1	5			Wind increases with the day
3	2	5	East		Commences moderate	3	3				air & cloudy weather
4	2	5			breezes & pleasant	4	1				heavy showers of rain
5	2	3			Weather at 3 AM	5	2	4	NNW	N 8 by E	
6	2	3			the lower Main top	6	1	5	NNW	N 8 by E	
7	3	3			1 top & 4 stud sails	7	1	8			Middle part Light
8	2	5			Main top mast stay	8	2				air & dark squally
9	2	5			sail ~	9	1				with heavy showers
10	2	5			Middle part Squally	10	2	8			of rain
11	3	5			with showers of	11	1	5			
12	3	5			rain took in all	12	1				Latter part as above
1	3				the light sails ~	1	2	5			
2	3				Latter part calm	2	3	5			No observation
3	3				squally & peculiar	3	1	5			Latitude D R
4	2	8			Latitude Obs. 10 34 North	4	1				Longitude
5	2	5			Latitude D R	5	—	8			Dif Longitude
6	2	6			Longitude	6	2				Course
7	2	5			Dif Longitude	7	2		NNW		Distance
8	3	3	NNW	Near with	Course	8	5		NNW		Variation 8° Westerly
9	4	3	NNW		Distance	9	3				
10	1	5	NNW		Variation 8° Westerly	10	4				
11	1		NNW			11	3	5			
12	—	5				12	2	5			



Monday March 6 <sup>th</sup> 1842			Tuesday March 7 <sup>th</sup> 1842		
1	2		1	5	
2	1		2	5	
3	3		3	1	
4	1		4	5	
5	2		5	5	
6	1		6	3	
7	1		7	3	
8	2		8	4	
9	1		9	4	
10	2		10	4	
11	1		11	4	
12	1		12	4	
1	2		1	4	
2	3		2	4	
3	1		3	4	
4	1		4	4	
5	—		5	4	
6	2		6	4	
7	2		7	3	
8	5		8	2	
9	3		9	3	
10	4		10	3	
11	3		11	4	
12	4		12	4	

Compass Bore 117  
N 1/2 W 18 1/2

Monday March 6<sup>th</sup> 1842

Compass Bore 117  
N 1/2 W 18 1/2

NW

Light air & thick  
faint weather  
heavy swell from  
the Northwest

Beckley Middle part thick  
Cloudy weather

Latitude Obs<sup>d</sup> 2.60 N

Latitude & R  
Longitude  
Diff Longitude  
Course  
Distance  
Variation 7° West

Light air & calm  
between 5 & 6 showers  
of rain at 6 took  
the N East Trades

Middle part almost  
bore & cloudy  
weather

Latitude Obs<sup>d</sup> 3.11 N

Latitude & R  
Diff Longitude

Course  
Distance  
Variation 6°

finds all let down. Run

N West

NW 1/2 N 1/2 E

N West  
NW 1/2 W

NW 1/2 W



H K F			Course	Wind	Day	March	8 <sup>th</sup>	H K F	Course	Wind	Day	March	9 <sup>th</sup>
1	4			NW by W				1	5				
2	4						Commences Time	2	4	5			Commences fine
3	4	5					breezes & Weather all	3	5				breezes & pleasant
4	4	5					drawing Sail set	4	4	5			Weather
5	4	5						5	4	5	NW by W		
6	4	5						6	4	5			
7	4						Middle part	7	4	5			Middle & latter
8	5	9					as above at 8.30	8	5	5			part as above
9	5	2					4.16 set the Royals	9	4	5			Employed Rattling
10	5	6					& main to mast	10	4	7	NW by N		the Rigging
11	5	5					Stay Sail	11	4	6			
12	5							12	4	5	NW by W		
1	4						Latter part fine	1	5				Latter part fine
2	5						breezes & pleasant	2	5				breezes & pleasant
3	5						Weather Employed	3	5		NW by N		Weather
4	5						Rattling the Rigging	4	5				
5	5		NW by W					5	5	8			Latitude Obs. 4.58
6	5						Latitude Obs. 4.05.00	6	5	9			Find that we have
7	5							7	5				had a current. they
8	5		NW by N				Longitude 33:30 W	8	4				to the S. then
9	5							9	4		NW by N		then we took the
10	5						Variation 4° West by	10	4				Leads
11	5							11	4				
12	5	5						12	4		NW by N		

Heaving one or two points from



13	K	V
1	4	5
2	4	5
3	4	5
4	4	5
5	5	
6	5	
7	6	
8	6	
9	6	
10	6	
11	6	
12	0	
1	0	
2	0	
3	0	
4	0	
5	0	
6	5	5
7	5	2
8	5	5
9	6	
10	6	4
11	6	
12	5	3

Saturday March 10<sup>th</sup>

Commons fine breeze  
 & pleasant weather  
 at 1 set the main  
 topmost & the sail  
 at 2.30 took in the  
 Main Royal

Windle part flying  
 clouds

Latitudes last given  
 breezes & pleasant  
 weather at 6  
 Royal & fore  
 topmost & the sail

Latitude by obs 6.17.0 N

Longitude by  
 observation  
 Longitude by  
 observation  
 Current  
 Distance  
 Variation 2' West by

1	K	V
1	5	5
2	6	
3	6	5
4	6	6
5	6	6
6		2
7		4
8	0	8
9	0	5
10	0	8
11	0	5
12	7	2
1	7	
2	7	
3	7	
4	7	
5	7	
6	7	
7	6	8
8	7	
9	7	3
10	7	
11	6	8
12	6	8

Sabbath March 11<sup>th</sup> 1821

fine Trade Winds  
 flying clouds  
 breeze in the morning  
 at 5.00 the wind the  
 flying & the main  
 Royal

Latitude obs 8.28.0 N

Latitude 5 6

Longitude  
 by observation  
 by observation  
 by observation  
 Variation 2' West by

18.6



H	K	F	Course	Time	Day	Month	Year
1	6	6	NW $\frac{1}{2}$ N	N East	Monday	March	2 <sup>th</sup>
2	6	4					
3	6	8					
4	6	6					
5	6	8					
6	6	6					
7	6	8					
8	6	8					
9	7						
10	7						
11	7						
12	7	3					
1	7	4					
2	7	4					
3	7	5					
4	7	6					
5	7	3					
6	7						
7	7						
8	7						
9	7						
10	7						
11	6	8					
12	6	6					

begins with breeze  
 at 7.30 let the  
 flying jib  
  
 Middle part as above  
  
 Latter part (breeze)  
 comes in to night  
 starting weather  
 across bottom dunes  
  
 Latitude Obs 10.28.8  
 Latitude by DR  
 Longitude 42.08 West  
 Distance  
 Variation  
 Azimuth 2.00

H	K	F	Course	Time	Day	Month	Year
1	6	8	NW $\frac{1}{2}$ N	N East	Monday	March	3 <sup>th</sup> 1821
2	6	8					
3	7	2					
4	7						
5	6	8					
6	6	4					
7	6	8					
8	7	7					
9	7	8					
10	7						
11	8						
12	8						
1	7						
2	6	8					
3	6	5					
4	6						
5	6						
6	6						
7	6						
8	6						
9	6	5					
10	6	5					
11	6	5					
12	6	3					

Full breeze 1.15  
 comes at 7.15  
 let the Main & Top  
 flying jib  
  
 Middle part as above  
  
 Latter part (breeze)  
 comes in weather empty  
 during Biggering  
  
 Latitude Obs 12.09 N. 11  
 Latitude DR  
 Longitude  
 Dislongitude  
 Course  
 Distance  
 Variation



H	K	F	Course	Winds	W. Wednesday March 14 <sup>th</sup> 1871
1	5		NW 1/2 N	N East	
2	5				
3	5				
4	5				
5	5				
6	5	5			Pleasant breezes & passing clouds
7	5	6			all the forenoon
8	5				all morning sail set
9	6				
10	6				
11	6	8			
12	7	8			The watch employed painting the boats
1	6				
2	6				
3	7				Latitude Obs. 14.02 N
4	7				Latitude D.R.
5	6				Longitude 46.58 W
6	6	8			by observation
7	6	8			by chronometer
8	6	8			by chronometer
9	6	7			Course
10	6	9			Distance
11	6	6			Variation 2° West
12	6	8			

H	K	F	Course	Winds	W. Thursday March 15 <sup>th</sup> 1871
1	5		NW 1/2 N	N East	
2	5				Pleasant breezes & fine weather at 11 am
3	5				set the lower & main top & studding sail
4	5				
5	5				
6	5	1			
7	5	3			Middle part brisk breezes & passing clouds
8	6	2			at 1.30 took in the main top gallant studding sail
9	6	5			
10	6	5			
11	6	7			
12	7				The watch employed painting the boats & masts
1	6				
2	7				Latitude Obs. 15.56
3	7				Latitude D.R.
4	8				Longitude
5	7	5			by observation
6	7	5			by chronometer
7	7				by chronometer
8	7				Course
9	8				Distance
10	7	5			Variation 2° West
11	7	5			
12	6	8			



H	K	F	Course	Winds	Friday March 16 <sup>th</sup>
1	6		NNE	E NE	Pleasant breezes Weather at 2 at the top & mid
2	5				
3	4	5			
4	4	5			
5	4	8			
6	4	5			
7	4	9			
8	5				
9	4	5			
10	3	5			
11	3	2			
12	3				
1	3	5	NNW	E NE	Middle & Latten most light winds & pleasant weather Employed painting
2	3	5			
3	3	5			
4	4				
5	4				
6	3	8			
7	3	4			
8	2	8			
9	2	8			
10	3	2			
11	3	3			
12	2	8			

H	K	F	Course	Winds	Saturday March 17 <sup>th</sup>
1	2		NNW	E NE	Light in & variable all the 24 hours Fine weather Employed painting
2	1				
3	1				
4	1				
5		5			
6		5			
7	1				
8	1				
9	1				
10	1				
11	1				
12	1				
1	1		E NE	E NE	Latitude Obs <sup>d</sup> 17.33N Latitude DR Longitude D. Longitude Course Distance Variation i. M. S. only
2	1				
3	1				
4	1				
5	1				
6	1				
7	1				
8	1				
9	1				
10	2				
11	2				
12	2				



H K F

Course Winds *Monday March 18<sup>th</sup>*

1	1	
2	-	5
3	-	5
4	+	
5	1	
6	1	
7	1	5
8	2	8
9	2	5
10	2	9
11	3	
12	3	
1	2	5
2	2	5
3	2	8
4	3	
5	4	
6	3	7
7	3	6
8	3	5
9	4	
10	4	
11	3	7
12	2	

NW by N NE

NW by N

NW by N

NW by N

NW by N

NW by N

Light airs &amp; pleasant

Weather at 8.30 set

the fore topmast &amp;

top of the sails —

Middle part light

Winds &amp; pleasant weather

Saw two ships to the

Eastward standing

the W S W —

Latter part light

Winds &amp; fine weather

Latitude Obs<sup>d</sup> 18.20 North

Latitude D R

Longitude

Dif longitude

Course

Distance

Deviation

H K F

Course Winds *Monday March 19<sup>th</sup>*

1	2	6
2	3	
3	3	2
4	3	3
5	4	5
6	5	5
7	4	5
8	4	9
9	5	2
10	5	3
11	5	5
12	5	7
1	6	
2	5	
3	5	
4	4	8
5	4	5
6	5	5
7	6	2
8	6	5
9	6	6
10	6	8
11	6	9
12	6	5

NW by N

NE

NW by N

NW by N

NW by N

NW by N

NW by N

NW by N

NW by N

NW by N

NW by N

NW by N

NW by N

NW by N

NW by N

NW by N

NW by N

NW by N

NW by N

NW by N

NW by N

NW by N

NW by N

NW by N

NW by N

NW by N

NW by N

NW by N

NW by N

NW by N

NW by N

ENE

Commenced light winds

&amp; pleasant weather

at 6 took in the

the sails at 11.30

set them again —

Middle &amp; latter

part fine breeze

pleasant weather

Employed mending

the sails &amp; other

jobs —

Latitude Obs<sup>d</sup> 19.42 N

Latitude D R

Longitude

Dif longitude

Course

Distance

Deviation

123 miles



H	K	F	Comms	Winds	SW	Monday March 20 <sup>th</sup>
1	2	6	NW by N	N East		
2	3	2				Com munes with
3	3	3				fine breezes & pleasant
4	3	5				Weather saw a brig
5	4	5				standing to the N. West
6	5	5	NW by N	NW by N		at 11 took in the
7	4	9				stud sails
8	4	2	N West			
9	5	3				Middle part with
10	5	5				breezes & fine weather
11	5	7				at 1 took in the Royals
12	5	5				& flying jib
						at 7.20 spoke the
						Brig New Leader
						103 Days from Calcutta
						left the George of Sahr
						to sail in 8 or 10 days
						Indus to sail 30 days
1	6					Latitude Obs
2	5					Latitude DR
3	5					Longitude
4	4					Dif Longitude
5	4	8				Course
6	5	5				Distance
7	6	2				Variation 1° West
8	6	5				
9	6	6				
10	6	8				
11	6	9				
12	6	5				

Distance at down run  
 current in 1/2 hr  
 Low Distance 184 miles

H	K	F	Comms	Winds	SW	Tuesday March 21 <sup>st</sup> 1841
1	7	2	NW by N	N East		
2	7	1				Com munes with fine
3	6	5				breezes & passing clouds
4	7	6				at 5 took in the fore
5	6	6				top mast & the sail
6	7	8				Royals at 11 took in
7	6	8				the top of sails
8	7	8				
9	7	7				Middle part with gales
10	7	3				& passing clouds between
11	7	6				7 & 9 double masts the
12	7	5				top sails & fore sail sent
1	7	5				down the Royal yards
2	7					found the jib
3	7					
4	7					Latter part strong gales
5	7					& pleasant weather
6	7					
7	7	5				Latitude Obs 23° 13' North
8	7	8				Latitude DR
9	6	8				Longitude by Chronometer
10	6	5				56° 56' West
11	6	8				Difference
12	6	9				Course
						Distance
						Variation



H	K	F	Course	Winds
1	6	9	NW by N	East
2	6	8		
3	6	5		
4	6	8		
5	6	4	NW	
6	6	5	NW by N	
7	7	4		
8	8	2		
9	7	5		
10	7			
11	7			
12	6	5		
1	7	5		
2	7	3		
3	8			
4	8			
5	8	4		
6	8	3		
7	7	8		
8	7	4		
9	7	4		
10	7			
11	7	9		
12	7	9		

Thursday March 22<sup>d</sup>  
 Begins brisk gale  
 & flying clouds  
 at 2 PM sent down  
 the Royal mast  
 at 4 PM our reef  
 out of the main  
 top sail at 7.20  
 double reef it again  
 squally with showers  
 of rain at 11 PM  
 set the jib at 12  
 M. Night let our  
 reef out of each  
 top sail set the  
 top sails at 4 AM  
 out all reef set the  
 fore top mast the  
 sail & main top  
 mast stay sail.  
 saw a small white boat  
 schooner to leeward then  
 an a. mine to the  
 S. Eastward  
 Ends fine breeze  
 & pleasant weather  
 Latitude  $25^{\circ} 28'$   
 Latitude  $2^{\circ} N$   
 Longitude  
 Diff longitude  
 Course  
 Distance  
 Variation

H	K	F	Course	Winds
1	7	5	NW by N	East
2	7	4		
3	7	3		
4	3	5	NNW	
5	7			
6	6			
7	6			
8	6			
9	6	5		
10	6			
11	6	5		
12	6			
1	7			
2	7			
3	7			
4	7			
5	6	5		
6	6			
7	6			
8	6	8		
9	6	8		
10	6	5		
11	6			
12	5			

Friday March 23<sup>d</sup> 1821  
 Commences fine  
 breeze & flying clouds  
 at 1 PM set the lower  
 stud sail & flying jib  
 Middle part fine  
 breeze & pleasant  
 weather at 6 set the  
 fore & main top at  
 stud sails  
 Latter part pleasant  
 breeze & weather  
 Employed binding our  
 best sails  
 Latitude  $27^{\circ} 49' N$   
 Latitude  $2^{\circ} N$   
 Longitude  $60^{\circ} 40' West$   
 Diff longitude  
 Course  
 Distance  
 Variation from Azimuth  
 2° Westerly

175 miles Distance  
 1



H	K	F	Course	Kind	Wind	Time	Remarks
1	4	5	NNW	S	West		Commenced pleasant
2	4	8					Breezes & cloudy sky
3	5						and the sun sail
4	5						
5	5	8	NNW	SSE			6:00 AM. Pleasant
6	5	2					Breezes & cloudy sky
7	5	5					at 2:30 PM. High &
8	5						set the star sail on
9	6						the starboard side
10	6	4					at 9 PM. Wind land
11	6	4					on the starboard with
12	6	8					heavy squalls with
1	6	8					at 10 PM. Light sail
2	7						at 10 PM. Light sail
3	7						at 10 PM. Light sail
4	7						at 10 PM. Light sail
5	6	8					at 10 PM. Light sail
6	6	8					at 10 PM. Light sail
7	6	8					at 10 PM. Light sail
8	6	6					at 10 PM. Light sail
9	6						at 10 PM. Light sail
10	5						at 10 PM. Light sail
11	5						at 10 PM. Light sail
12	6						at 10 PM. Light sail



H	K	F	Course	Time	Remarks
1	6	8	N by N W	5 West	March 26 <sup>th</sup> 1821
2	6	5			Common fine breeze
3	6				Cloudy weather at 7.30
4	6				took in the Main top mast
5	6				topmast & two sails
6	6				
7	6				White part broke breeze
8	7		N by N W	8 SW	Cloudy with showers.
9	7				of rain at 30. At 10 took
10	8				in the fore sails stay sail
11	4				& flying jib at 6 took
12	4				in the fore topmast sail
1	8				at 6 took in the fore De
2	8				hauled up the Main sail
3	8				with the Tug sail
4	8	5			rain squalls with much
5	8	5			rain at 8.30 set the topmast
6	5	5			sails at 9 set the fore top
7	7	6			mast & two sails
8	7	8			
9	7	9			Latitude by Obs - 33.59 N
10	7	5			Latitude by R N
11	7	8			Longitude
12	7	8			Diff longitude
					Course
					Distance
					Variation 3 West

H	K	F	Course	Time	Remarks
1	8		N by N W	8 SW	March 27 <sup>th</sup> 1821
2	8				Fine breeze & thick
3	7	7			Cloudy weather with shower
4	7	8			of rain between 1 & 4. At
5	7	5			10 set the anchors & got
6	7	5			under the bows at 7.30
7	7				a heavy signal from the
8	4	5			W. of us found the Tug
9	4	5			sail jib Main sail & fore
10	5	5			top sail & two mast sails
11	6				Main one
12	5				
1	5				Midnight head gales
2	5				heavy showers of rain
3	5				with Thunder & sharp
4	5				lightning with the fore
5	6				sail at 11 set the reef out
6	6				of the fore sail & two
7	5				fore top sail & main stay
8	5				sail at 8. At 10 set all
9	7				reefs at the topmast sails
10	4	5			flying jib & main top
11	4	5			mast stay sail
12	4	5			
					Latitude by Obs - 35.55 N
					Latitude by R N
					Longitude
					Diff longitude
					Course
					Distance
					Variation 5 West



H	K	F	Course	Winds	Day
1	2	8	NW 1/2 W	W 1/2 S	Monday March 28 <sup>th</sup>
2	4				
3	5		NW 1/2 W	W 1/2 S	
4	5				
5	5				
6	4	5			
7	4		NNW		
8	3		N 1/2 W		
9	2		W 1/2 W		
10	1				
11		5	N 1/2 E		
12		5	NW 1/2 W	W 1/2 S	
1		5			
2		5			
3	2				
4	3		E NE		
5	3		W 1/2 W		
6	3				
7	2	5	W 1/2 N		
8	2	5			
9	2	5	NNW		
10	2	5		W 1/2 S	
11	2	5	NW 1/2 W		
12	2	5			

Commences with moderate breezes & Cloudy at 1 P.M.  
 took in the Flying jib & fore topst. at 10.  
 nearly calm found the Main topst sail Main sail & jib & fore sail may need see  
 Made up set nearly calm  
 Sharp light rain & thick  
 cloudy weather at 3 A.M.  
 squally from NNW  
 Clouds up the top sails  
 at 4 were ship to the  
 westward found the  
 Main sail fresh gale  
 much rain at 6 found  
 the fore top sail at 11  
 set it again set the Main  
 stay sail  
 Latter part strong gale  
 Cloudy weather  
 No observation  
 Latitude by D.R.  
 Longitude  
 Diff longitude  
 Course  
 Distance  
 Direction is westerly

H	K	F	Course	Winds	Day
1	2	6	NW 1/2 W	W 1/2 S	Tuesday March 29 <sup>th</sup>
2	3				
3	4	5	NW 1/2 W		
4	5	5			
5	4	5			
6	5	5			
7	4				
8	3		NNW		
9	3		NW 1/2 W		
10	4		NNW		
11	4				
12	3				
1	3	5			
2	3		North	E NE	
3	2		NW 1/2 W		
4	1	5	NW 1/2 W		
5	1	5			
6	1	5			
7	1	5			
8	1	5	NW 1/2 W		
9	1	5			
10	1	7			
11	1	7			
12	1	7			

Fresh gale & Cloudy  
 Weather at 1 set the Main  
 sail & jib at 1:15 found  
 them again up the  
 the fore sail & fore sail  
 Fresh gale & a heavy  
 sea found the fore top  
 sail at 11:30 sent down  
 the Main topst yard  
 at 1 A.M. sent down the  
 fore do at 3 A.M. had  
 a severe squall from  
 the Northward with  
 very heavy rain sharp  
 light rain & heavy thunder  
 Dark dismal weather  
 found the fore top sail  
 & fore sail Main top  
 sail set the main stay  
 sail & ballum up  
 fore sail  
 Latter part strong  
 gale & thick rain  
 Weather  
 No observation  
 Latitude by D.R.  
 Longitude  
 Diff longitude  
 Course  
 Distance  
 Direction is westerly



HIK F<sup>v</sup>

Courtesy Winds Dr Friday March 30<sup>th</sup>  
M<sup>y</sup> W<sup>2</sup> W M<sup>y</sup> 63

My 24	My 6	3
-------	------	---

1842

1872

My N. West

17

10

...

Mr. H. H.

10

1

114

24

may 2

10

10

18

1999

179

*NW<sub>1/4</sub>N*

W.

119

1

10

154

18

22. 5

1871

18

...

11

224

170

明

18

18

1875

Com minus Strong  
Gale heavy sea & Cloudy  
Weather at 3.15 P.M.  
Set the fore top mast  
Stay sail hard Squalls  
with much Rain through  
the night till 3 A.M.  
then tolerable pleasant  
hard Gale & Cold  
at 8 A.M. set the  
fore sail & Close swept  
top sails At 10 set the  
sails out of the top sail  
& one out of each  
Top sail at 11 set the  
Gill & Main sail let  
the sails out of the fore  
sail ~

22<sup>d</sup> Latter part fresh  
Gales & Cloudy Weather  
Find the Compasses  
in the Binnacle to  
differ one point from  
those on deck —  
No Observations



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